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Listing first 45 summaries
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SUMMARIES

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   carcinoma (e.g. broast, melanoma, myeloma, or adenoma). The inflammatory diseases treated are Crohn's disease, colitis (claimed), inflammatory bower disease, charitis, vadualts, asthma, graft versus best disease, hypersemsitivity pheumonitis, collaren diseases, sarceidesis, and other idipatche conditions, other diseases that can be treated by the antibodies are autoimmune diseases (e.g. thoumatoid arthitis, multiple sclerosis), intections diseases (e.g. thoumatoid arthitis, multiple sclerosis), intections diseases (e.g. thoumatoid arthitis, insulin-dependent dialetes mellitus, and diseases in which analogenesis or newascularization play a role.
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Antibody or its antiqen binding tragment which binds to the mammalian CC chemokine receptor GPR-9-6, useful to treating inflammatory diseases, cancel or inhibiting GPR-9-6 emediated homing of leukocytes to

receptor GPR-9-6 (see AAB19605) and blocks the binding of a ligand especially TEPK, to the receptor. Also provided is a method of identifying agents which can bind to GPR-9-6 and inhibit the This sequence represents human thymus expressed chemokine IEEK. The invention relates to an antibody that binds to the chemokine

binding of a ligand and/or modulate a function of GPR-9-6, antibodies can be used to detect TECK. They are useful to They are useful ton

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teukaemia), lymphoma (e.g., Hodgkin's disease, I cell lymphoma) or

Score 790; DB 21; Longth 150; Fred: No. 3.3e 87; 0; Mismatches 1; Indels Ξ,

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28-MAE-1997;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             This is the amino acid sequence of a novel human chemokine, designated %SIG 35, that has homology to members of the beta-chemokine family. In particular to marrine macrophage inflammator; protects (35.8% identity). It includes a 4-Cys
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 New human chemoking ESIN or a part for a distribution injury disease, lymphocyte migration and ischaemia/repertusion injury
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Signal peptide containing protein. Sign; human: cancer; immune response; adenocarcinoma, Neukemia; lymphana, molanama: myoloma; sarcoma; AIDS; Addison's disease, adult respirator; distress syndrome; allergy; anemia; Ardison's disease, broachitis; cholcoystitus; Crohn's disease; asthma; attheroscilerosis; broachitis; dermatomyositis; cmphysema; nlocrative colitis; atopic dermatitis; dermatomyositis; cmphysema; diabetes mellitus; atrophic gastritis; glomerulonephritis; gout; trauma, drawn's Disease; hyperosinophilia; irritable bowel syndrome; infection; lupus erythematosus; multiple sclerosis; myasthenia gravis; inflammation; osteoarthritis; osteoporosis; pancreatitis; polymyositis; soleroderma; osteoarthritis; osteoporosis; pancreatitis; polymyositis; soleroderma;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             lymphocyte migration and ischaemia/teperfusion injury
                                                                                                                                                                                                                         Human signal posts be estimated protoin (SIGP) (close ID 1634813).
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RESULT 5 AAW41938

AAW41938 standard; Protein; 149 AA.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            production (cells). The CRTS amino acid sequence was deduced from CANA clane HISEXEZ (AICC 97549) (see AAVA1000). It shows dwardentity and 50% similarity to measure macrophage inflammatory protoin related protoin z (MMP 2). Assay of CRTS expression can be used in methods for the diamets of disorders of the thymns such a tumours, concerts, hypoterivity hyperactivity, atrophy, enfarcement of the thymns, or disorders involving antiquity, atrophy, entarcement of the thymns, or disorders involving antiquity, would be affine a certs and chronics inflammation, cell mediated immunity, human number type of HISE and used to raise CRTS polypeptides can be expressed in best cells and used to raise CRTS specific and hadron to their polypeptides.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     this represents a human chemokine beta-15 protein (a CC chemokine protein). The cDNA clone encoding the protein is contained in AFCC temperature of the contained in AFCC temperature of the contained of the combinant methodology. Chemokine beta-15 can be used in the treatment of individuals in mend of increased levels of chemokine beta-15 activity in the body, by administering a composition comprising the isolated chemokine beta-15 polypeptide.
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                                                                                                                                                                                                                                                                                                                         61 PAATEYLEKKHIRKWICHBESIKEVÇIKAMELLI AKNEVITAELIHINI ÇITEÇ KIHIAVEKLISIĞ. 119
                                                                                                                                                                                                                                                                                                                                                                                                     6.1 (AA) (2) Careemen V. J. Merbert V. Lee AMALIA (AA) VI AFABRONDE (1) CA FEDANCIS (12) [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [1.1] [
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PORTOTERNAME COMMENSATION OF THE PROPERTY OF T
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
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                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Antibody or its antigen-binding fragment which binds to the mammalian CC chemokine receptor 348.996, useful to treating inflammatory diseases, cancer or inhibiting 348.996 mediated boming of leukwaytes to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11-MAP-1444;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Thymus expressed obomovino: TEOK: human: GPP-4-6: cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human thymus expressed chemoking TFCK variant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    receptor SPR-9-6 (see AAB19600) and blocks the Unding "In ligand, especially TETE, to the resept of Also provided is a mothed of identifying agents which can bind to SPR-9-6 and inhibit the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        This sequence represents a variant of Luman thymnas expressed chemokine TECK, it lacks the Alu 100 residue of IECK (see AAR196). The invention relates to an antibody that binds to the chemokine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (LEUK-) LEUKOSITE INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Disclosure; Fig 23; 114pp; English.
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                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                        and discuses in which anglogenesis or neovascularization play a tele
                                                                                                                                                                                                                                        y Match 97.4%, Scote 775.5, DB 2
Local Similarity 98.7%; Pred. No. 1.8e-85:
                                  61 FAATTYEPKHIRKVOOM KSEEVQESAKELLIMENEVPAKTHENMOTEGAGEHAVEKESSO 106
                                                                                          1 MNIWILLACIVACELCAWAPAVHTQGVEEECCLAYHYELGWAVLFFAWIYFIQEVSGSCNL 60
                                                                                                                                                1 MNLWLLAGLVAGFLSAWAPAVHTQGVFEDGGLAYHYPIGWAVLFRAWTYRIGEVSGSCNL 60
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lymphoma; carcinoma; Crohn's disease; colitis;
                                                                                                                                                                                                                                                                                                                                   149 AA;
                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                               0: Mismatiches
                                                                                                                                                                                                                                                                          DB 21, Length 149;
                                                                                                                                                                                                                  Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ge useful for diagnosing a disorder of the thymus in an individual get useful for resting to individual in mean of enhanced level confedementiate beta-15 activity over 15 activity and individual in mean of enhanced level of echomotice beta-15 activity over 15 activity mediates differentiation of colls in thymus preferably carry thymocytes, mediates differentiation of intrathymic T-cell precursors into mature 1 jumphocytes by modulating of the apoptosis of specific subset in the thymus over the apoptosis of specific subset. It directs the oliventy to make a lymphocyte procursor to thymus for proper maturation, or midiates graph of lymphocyte procursor to thymus for proper maturation, or midiates graph or lymphocyte procursor to thymus for proper maturation, or modulates colony termation of bone progenitor cells and modulates colony termation and differentiation. It is also useful as convenient weight markers in analytical techniques. (Wheta-15 is useful to suppressing myeliad cell proliferation in an individual and for the acting leadance in the present scourage is a light of the present scourage is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human; chemokine CC protein; chassokine beta 15, CKbcta 15; thymus; therapy, intrathymic T-coi; T-Tymphovyre; home progenitor cell; apoptosis; leukaemia; chromosome identification; cytostatic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human chemokine beta-15 (CKbeta-15).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18-JUN-2002 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Protein
                                                                                                                                                                                                                                                                                                                      The invention relates to a member of the human chemokine CC protein family. In particular the invention relates to isolated nucleic acid molecules enguling showships beta [5] (CPHethalls) CRESCA IS DNA is
                                                                                                                                                                                                                                                                                                                                                                                                                                                            New isolated chemokine beta-15 parrypeptides useful for modulating colony formation of been marrow properties cells, modulating carly thymnocyte proliferation and differentiation and for treating leukemia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (FPEI/) REFIDER B L. (POSE/) POSEN C A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14-FEB-2002.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WO! Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   17-111N-1096.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         19 MAR-1999;
protein expression and in vivo imaging technique. The present sequence is
                                                                                                                                                                                                                                                                                                                                                                                                       Claim 18; Fig 1: 30pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               M-PSDB; AAD31065.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WP1: 2002-239258729.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (WFTY/) WEI Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              15 1118 1997:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 NSKLSSSKFSNPISSSKRNVSLLISANSGL 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 FAATEYETKEHEKVOONDESELVQFAMTI ("ABMEVI AF) HINXOUDG GDHAVKKLSSG 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NSKLSSEKFENDISSEKPNVSTITSANSGL 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Krcider BL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                97115-0874460
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /label= Signal_peptide
21..149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note- "Human mature CKbeta 15"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Location/Qualifiers
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                                      goedy Match
Rest Local s
       Matterhest 127;
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                                                                                                                                                                                                                                                                                                                      The investion of the topological modified blood for symbol in elementings and the include for their production and use. The compounds and methods of the backbone of the invention are useful in the analysis and tradiment of the results discusses states e.g., HIV and Alex related disorders, asthma,
                                                                                                                                                 Sections
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Disclosure: Fig 10c; 176pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      treatment of various diseases or disorders e.g. asthma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     New polyment meditied bioactive synthetic chemokines useful in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI: 2002 268857/41.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (CRAIL ) CRABHON SCI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sample of the state of the stat
                                                                                                                                                                                                                  the human chemokine IRCK protein of the invention.
                                                                                                                                                                                                                                                     allergic rhinitis, atopic dermatitis, atheroma/atheroselerosis, organ
transplant rejection, and rheumatoid arthritis. This sequence represents
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12 JHL 2000; 200008 2175849.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12 JUL 2001; 2001W0 0821934.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LZ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 atheroma; atheroselerosis; organ transplant rejection; FECK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        antiarterieselerotic; dermatological; antinflammatory; antiallergie; immentesuppressive; polymer medified bioactive synthetic chemokine; HIV; ALDS; asthma: allerate chunitis; atopic dermatitis; rheumatoid arthritis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human: chewokine: anti-HTV: antiasthmatic; antiarthritic; antirhoumatic;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bhaman chemokine TECK protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           human "Kbeta 15 profein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 NSKLESSKIESMETSSEKRAASTLESARSTLESO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           y Match
Local Similarity 98.7%;
                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6.1 PAATETTI KEHREVIIM maarevorametta Armevi Artainmoori oli itanaveettoit. 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 PAATEYULEEBBEVAABESSEV, FAMESSARAKIVI AETBINK, ST., AUSBAVEKUSS 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MNLWLLACLVAGE GJAWAPAVIH QGVEEDCCLAYHYTTGWAVLKRAWTYRTGEVSGSCNL 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NSKLSSSSKFSNOSSSKKNVSSLLSSARSSL - 1 15
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                                                                                                                                                 1:// ^^
   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORSOLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Botti P. Bradburne JA, Chen S,
                                  100.0%;
   ...
                              Score 668; DB 23; Length 127; Pred. No. 1.56 72;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Shorte JJS, Sy., DR, 23; Johnson, Proch. Roy, Tythe HS; Trible HS; Trible Is
   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             108 23; Length 149;
   Singer!
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Ξ.
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24. CHVEEN YLAYHYETOWAVLERAWTYRTOEVIOLSONLIPAATFYLIPKRHRKVONNEKSREV. 83.

Sequence

127 AA;

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                                                                                                                                                                  CC binding of a mammalian microser-associated optimalian chromosy from the CC chammalian C-C chemokine receptor 3 (CCR3) or 10 (CCR40). The method of involves (a) detecting or regspring the formation of a complex hotween CC test agent to inhibit or augment a MEC induced response. An anamediation of complex formation, relative to a control, is indicative that the agent is a promoter. The method is useful for identifying modulators (e.g. CLLETTER or PERMITTER (e.g. Oral inflammatory diseases of conditions in a subject, e.g. Oral inflammatory condition (e.g. Storten's syndrome or Robert's syndrome), must be sent controlative of the lumnatory disease, asthma, inflammatory bowel disease (e.g. Crobin's disease) and the promoters are useful for treating inflammatory or demattifs or celiae disease), lab nephropathy or demattifs be promoters are useful for treating the transition disease. Testimopathy, madelial accretions, hosteration, beaternal, investigative disease, retinopathy, madelial accretions, alps, neutropenias of brombiter asia. Sequences (e.g. solid or brombited asias of the control of the contro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AHB07741
                                                                                           with the human MEC protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Example 1; Fig 1C; 92pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEC-induced response -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Identifying modulators of mocosac associated epithelial chemokine (MEC) receptors 3 or 10 (CCR3/10), useful for treating inflammatory discuses, comprises detecting formation of MEC CCR3/10 complex or modulation of a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Butcher EC, Kunkel EJ, Pan J, Soler Ferran D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            antibacterial; chemokine; human; FECK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Microsae associated epithelial chewokine: MEC: C-C chewokine receptor: CCR3; CCR10; anti-inflammatory: cytostatic; immunomodulator; anti-viral:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human chemokine TECK protein tragment (residues 24-150).
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                                                                                                                                        represent known chemokine protein tragments used in alignment studies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The invention relates to identifying agents that inhibit or promote the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WP1: 2002-269204/31.
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RESULT 11
AAO14157
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                                                                                                              Сþ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match

Best Local Similarity 100

Matches 107: Conservative
                                                          Matches
                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AA014157 standard; protein; 127 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human; chemokine receptor modulator: chemokine; HIV infection; AIDS; asthma; allergic rhinitis; atopic dermatitis; atheroma; antiinflammatory; antiasthmatic; antiallergic; dermatological, antiarteriosolerotic; antirheumatic; antiarthritic; anti-HIV; immunosuppressive, TECK;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AA014157;
                                                                                                                                                 comprise a chemokine polypeptide chain modified at N-terminus with an aliphatic chain and at least one amino acid derivatives and/or modified at its C-terminus with an aliphatic chain or polycyclic. The modulators can be used to treat diseases such as HJV infection, AIDS, asthma, allergic rhinitis, atopic dermatitis, atheroma, atherosclerosis, organ transplant rejection and rheumatoid arthritis. The present sequence is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   atheroscierosis, organ transplant rejection; rheumatoid arthritis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human TECK protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 25-APR-2002 (first entry)
                                                                                                                                                                                                                                                                                                       Chambilia troopter and dulator usoful for trooting or a sthma, alleraic rhinitis comprises a chemically modified carboxyl terminas and/or amino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        17-JAN-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WO200204499-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
                                                                                                                                                                                                                                                                                                                                                 WPI; 2002-171703/22.
                                                                                                                                                                                                                                                                                                                                                                                                      (GRYP-) GRYPHON SCI
                                                                                                                                                                                                                                                                                                                                                                                                                                12-JUL-2000; 2000US-217683P
                                                                                                                                                                                                                                                                                                                                                                                                                                                           12-JUL-2001; 2001W0-US21994
                                                                                                                                                                                                                                                               Example 7; Fig 2; 86pp: English
                                                                                                                                        the human TECK protein.
                                                                                                                                                                                                                                      The present investion relates to chemokine receptor modulators.
                                                                                                                                                                                                                                                                                            terminus analogs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        121 ISANSGL 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  144 ISANSGL 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           24 QGVFEDGGLAYHYFIGWAVIFFAWTYFIQUVSGSONLFAAIFYLFKPHFKVOGNFKSPEV 83
Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
                                                                                                                                                                                                                                                                                                                                                                            Gaertner H.
                                                                                                               127 AA;
                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .*U UUİ
                                             100 0%; Pres
0; Mismatches
                                                                       82.9%; Score 668; DR 23: Longth 127: 100 0%; Pred No. 1.5e-72;
                                                                                                                                                                                                                                                                                                                                                                              Hartley O:

    Mismatches

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     prod No. 1.56-72,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1ndels
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Matches

Conservative

17; Mismatches 45,

Indels 12:

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                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAW44396 standard; Protein; 144 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11-JUN-1998 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                04-JUN-1997;
05-JUL-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                          02 JUL-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     15 - JAN - 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                W09801557-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mouse; thymus expressed chemickine; TECK, MIF 3dlpta; MIP-3beta; receptor; dendritic cell; macrophage; intlammation; asthma.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mouse thymus expressed chemokine.
                                                                                                                       The present sequence represents a tipmus expressed elemetric of (TPCK). Antibodies which bind to the protein can be used in detecting or diagnosing various immunological conditions related to expression of the protein. The nucleic acid can be used for screening and the protein.
                                                                                                                                                                                                                                                                                                             Gish KC,
                                                                                                                                                                                                                                                                                                                                                                   11-001-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   121 ISANSGL 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              144 ISANSGL 150
                                                                                  isolating DNA clones for the chemokines, especially from other species, The chemokine can be used in the treatment of conditions associated with abnormal physiology or development, including
                                                                                                                                                                                                                                                                                                                                        (SCHE ) SCHERING CORP.
                                         Sequence
                                                                                                                                                                                                Claim 3; Page 86-87; 202pp; English.
                                                                                                                                                                                                                                       Novel chemokines, e.g. thymus expressed chemokine - used for
                                                                                                                                                                                                                                                                   N-PSDB; AAV15414
                                                                      inflammatory conditions such as asthma.
                                                                                                                                                                                                                          treating inframmatory conditions including authma-
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Local Similarity
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                                                                                                                                                                                                                                                                                                             Schall TJ,
                                            144 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                            97WO-US10819
                                                                                                                                                                                                                                                                                                                                                                      96US 0028329
                                                                                                                                                                                                                                                                                                                                                                                     96HS-0675814.
                                                                                                                                                                                                                                                                                                                                                                                                  97US-0048593.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /label- TECK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           24..144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note- "Putative"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /label= Signal
  39.7%; Score 316; DB 19;
47 9%; Pred No 6.5e-30;
                                                                                                                                                                                                                                                                                                                Vicari A,
                                                                                                                                                                                                                                                                                                                Wang W,
                    DB 19;
                                                                                                                                                                                                                                                                                                                  Zlotnik A;
                   Length 144;
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                                       the inhibitors are useful for frealing inflammatory diseases or conditions in a subject, e.a. oral inflammatory condition (e.a. Sjogrem's syndrome or Beheet's syndrome), mastiffs, chronic obstructive hind disease, astima, inflammatory bosed disease (e.g. Telm's disease, ulcerative colitis or coline disease), IqA nephropathy or dermatitis himperstoness. The promoters are useful for treating cancers (e.g. solid timents or cutaneous is cell lymphona), hopefulsific disease, retinopathy, macular degeneration, bacterial infections, tuboreducid leprosy (e.g. infections, Albs, neutroperias or bronchied asis. Sequences ABB07729-42 represent known chemicarie protein transcript sized in alignment studies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 the invention relates to identifying agents that inhibit or promote the bluchins at a mammalian recommend can make a second of epithelial chemokine (MEY) to a mammalian recommend the receptor (CCKS) or 10 (CCKIO). The method involves: (1) detecting or measuring the formation of a complex between the MEY, and the CCKS or CCKIO; or (6) determining the ability of the rest agent to inhibit or argument a MEY induced response. An assument at ion of complex between the MEY induced response. An assument at ion to complex tenders to a scattel, is indicative that the agent is a promoter. The method is useful for identifying modulators (e.g. mubilities or promoter) of MEY induced functions of CCK and/or CCKiO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Identitying modulators of moreosae associated epithetial chemokine (MEC) receptors (or b) (CCE(210), useful for treating inflammatory diseases, comprises detecting formation of MEC CCE(210 complex or modulation of a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mucosae associated epithelial chemokine, MgY, \mathcal{C} ) chemokine receptor: \mathcal{C}(\mathcal{R}(G)) \mathcal{C}(\mathcal{R}(G)) anti-intlammatory; cytastatic; immanomodulator; anti-viriantibacterial; chemokine; mease; TPYK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Example 1: Fig 1:: 92pp: English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          15 AuG 2000; 2000US 0638914
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEL: 2002 789704/41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (SIRO ) UNIV LELAND STANFORD JUNIOR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (MILL ) MILLENNIUM PHARM INT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               THE HMK SKVENPRSTSVRSAIL 140
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           induced response
human MEC protein
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Onerly Match Matrichess

basal Similarity

Conservative

28.1%; Score 224; D8 23; Length 121; 43.2%; Fred. No. 5.9e 19; attive 10; Mismatches 39; Indels 1.

Indels 12;

Caps

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AABU 1435

AABOL4 45

AAB01435 standard; Protein; 133 AA

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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  the present sequence is a fusion protein containing a murine chemokine SLC sequence fused at the N terminal of murine interfewkin 2. The fusion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 16; Page 63-64; 75pp; Japanese.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                secondary lymphoid chomokino: SIO: cancer;
hyperproliferative disorders; prostatic hyperplasia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Murine secondary lymphoid chemokine (SLC).
                                                                                                                                                                                                                                                                                                                                                  metastases of ovary, endometrium, urinary tract, stomach, testicle, prostate, lung, bladder, pancreas, bone, liver, colon or rectum, or metastases of unknown primary crigin. SLC can also be used to suppress unjudencisis particularly angiogencisis inclived in cancer, tumourigenesis, metastases and tumour growth, and for mediating recruitment of leukocytes into sites of inflammation and immune responses, particularly, the cheatotasts of dendritie and other cells. SLC is also useful in preventing graft rejection, prevention and treatment of the autoimmune diseases and for enhancing an immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      chemotaxis; graft rejection; autoimmune disease; mouse
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   secondary lymphod chemokines (SIC's), variants, fragments, and the polynucleotides encoding the chemokines, variants and fragments, anti-SIC antibodies or ligands for the CCR7 receptor can be used to modulate dendritic cell function in a mammal which results in a decreased primary immune response. SIC can be used to treat cancer or hyperproliferative disorders such as prostatic hyperplasia,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 12; Fig 2; 53pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             treating concer or hyperproliferative disorder and modulating dendritic cell function in a mammal involves administering secondary lymphoid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              proliferative breast discusses, proliferative retinepathy or pigmented skin lesions. SLC is also useful for treating solid tumours such as melanoma, breast cancer, tumours of the head and neck, cancers or
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                                                                                                                                              10 LSLDLALCI-----PWTQG--SDGGGQDCCLKYSQKKIPYSIVR---GYRKQEPSLGCP 58
                                                                                                                                                                                                                                            Local Similarity
                                                                                             1 MNLWILACLVAGFLGAWAPAVHTQGVFEDCCLAY-HYPIGWAVLRRAWIYRTQEVSGSCN 59
                                                                     IP-AILELPRKHSKPELCAHPEECWVQNLMPRIDQPPAPGKQSPGCFKNFGTSKSG---- 113
                                                                                                                                                                                                                                                                                                        133 AA;
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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Ouery Match 11.2%; Score 89.5; DB 2; Best Local Similarity 37.7%; Pred. No. 0.078; Matches 29; Conservative 11; Mismatches 24.	RESULT 2 JEO177 JED177 Cypecies: Homo sapiens (man) Cypecies: Jeo177 RYNCHA, B.S., Fland, S., PYCARROTYCE, H.L., Antol. P. RYNCHA, B.S., Fland, S., PYCARROTYCE, H.L., Antol. P. RYNCHA, B.S., Commun. 217, 217–222, 1998 Apirtue: Isolation and characterization of LEV, 4 note A/Reference number: JEO177; MUID: 98308096; PMID: 964210 A/Accession: JEO177 A:Molecule type: mENA A/ROSIGLES, 1:120 *YOUS*	T 77 7	DH 2; 0.033; ches 26	RESULT 1 149555 gene C10 protein - mouse C; Species: Mus musculus (house mouse) C; Date: 0.2 Jul-1936 #scyuchoc_revision 0.2 Tel-1946 #text_ C; Accession: 149555 R; Cribisky, A. Berger, M.S.: Prystowsky, M.B. Cell Revul 2, 403 412, 1991 A;Title: Novel expression pattern of a new member of the A;Rolderence number: 149555; MUID:91370083; PMID:1832565 A;Rolderence number: 149555; MUID:91370083; PMID:1832565 A;Rolderence number: 149555 A;Rolderence number: 149555 A;Crossion: 149555 A;Crossion: 149555 C;Genetics: MRNA A;Rolderence C10 C;Superfamily: macrophase inflammatory protein C;Superfamily: macrophase inflammatory protein	ALIGNMENTS	30 71 8.9 99 2 JC2417 31 70.5 8.9 541 2 T40518 32 69 8.7 274 2 E81274 33 69 8.7 283 2 T1941 34 69 8.7 1146 2 T23485 35 69 8.7 1146 2 T99172 36 69 8.7 1146 2 A82174 37 68.5 8.6 486 2 S46820 38 68.5 8.6 486 2 1.3449 39 68 8.5 165 2 1.36009 40 68 8.5 165 2 1.36009 41 68 8.5 225 2 E70226 42 68 8.5 509 2 AG0365 43 68 8.5 531 2 T40480
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C:Reywords: chemotaxis: cytokine; numediate early protein; inflammation; T-cell E:1 23/homorn: signal sequence #status predicted -SIG - E:24 91/hoddet: Lecil protein RANIES #status predicted -MAI -
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A.Title, Bhuman dermal ribroblasts expression, d. A.Reteronee number: JC4912; MHD:963744440; PMHD:8780731
A.Reteronee number: JC4912; MHD:963744440; PMHD:8780731
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Comparison Of May 1990 #sequence revision of May 1996 #text_change 20 Jun 2000
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ArMap position: 17q11.2 17q12
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disapertamily; macrophage inflammatory protein
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K;Sasaki, J.;
Virology 244,
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Cybate, 23 Apr. 1996 #sequence_revision 23 Apr. 1999 #fext_change 21 Jul 2000
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Fil-23/Namain: Signal Sequence #atatus predicted 4816:
6.31 45/Ne -but, #83: place inflammatory protein literature/aperimental
#976/Haming sites carbebydrate (Acn) (constent) #status predicted
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A:Mosidnes: 24-8, XX/, 8/, 3/, 3/, 8/, 8812.
A:Residnesies, P.: Lepretre, F.: Bailloul, B.: Grove, M.: Pragnell, I.: Plumb, submitted to the EMML data Library, october 1991
A:Description: Sequence of the murine macrophade inflammatory profein 1b dene.
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R/Alternate names: H400; SIS gamma; I cell activation protein damma
C.Species. Mas mascalus (boase mouse)
C.Species. Mas mascalus (boase mouse)
C.Spate: 28-Aug.1989 #Sequence_revision 28 Aug.1989 #text_change 16:Jul 1999
C.Accession. Y6552, J16588, FJ8684, J2, H2
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GrComment: This protein is a monokine.
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F;Sherry, B.; Lekamp Oison, P.; Gallegos, C.; Bauer, D.; Davatelis, G.; Wolpe, S.D.;
J. Exp. Med. 158, 2251–2259, 1988
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A; keterence number: A30552; MHD:89093958; PMID:2521353
A;Accession: 030552
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R.Brown, K.D. Zarawski, S. M.; Mismano, I.P. Zarawski, G.
J. Bandrof. 141, 675-687, 1989
ArTitle: A family of small inducible proteins secreted by leukocytes are members of a
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A;Accession: 822042
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A;Residues: 1 92 <BRO
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J.; Nakashima, N., Naito, H., Noda, H.

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A:Pesidues: 1-18, /A; 20-91 < Sous
A:Pesidues: 1-18, /A; 20-91 < Sous
A:Cross-references: GB-S3754A; Nib-g255267; PIBN-AAR227321; PID-g250208
A:Experimental source: macrophage cell line PUS-1.8
A:Experime
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A)Accession: (48654: MUTD:94217286, PMID 7517035)
A:Accession: (48654
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Eur. J. Immunol. 22, 1477-1481, 1992
A.Title: Molecular cloning and expression of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokine: Structural and A.Priticours and the procession of the marine FANTES cytokines and the procession of the procession of the procession of the marine for the procession of the pro
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M Alternate Esmas M.Frotia
Cispecies: Mus musculus (house mouse)
Cipeto: 18-100-1343 #sequence_revision 18-Aug-1346 #text_shadge it-Jun-1393
Cipeto: 18-100-1343 #sequence_revision 18-Aug-1346 #text_shadge it-Jun-1393
Active it- 14835 Addition 1483
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A:Residues: 1/40, E',40-91 THET:
A:Oross-references OR M77747 1
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A.Title. Isolation and characterization of cDNA from renal tubular epithelium encoding A.Reference number: 156970; MHID-92277990; PMTD:737572
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A; Residues: 1-91 <SHI>
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A:Mole≏ulo type DNA
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A;Acression: I48875
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A;Reference sumber [7177], METP 40210032; EMEP 2031777
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A.T. The Principle Constant From SECTOR, 1998.
A.Molecule type: mRNA
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A.Grost teleforas: GB.543769, HTD.4327650, FITH.BA.67825.1, FIE.322767
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A.Green reference, 68.015637, NTC.,535908, PTPK.ASA56752.1; PID:q595909
A.Rotte, authors translated the codor AAA for residue 98 as ieu, 31A for residue 98 as 
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Science 266, 1395-1399, 1395-1399, 150-1000 **Arrive control of the contr
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Biochen, Biophys. Res. Commun. 211, 289-295, 1995
A;Title: Molecular cloning and posttranscriptional regulation
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R:Kawahara, R.S.; Denel, E.F.
J. Biol. Chem. 264, 679-682, 1989
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'ESpecies: Mus musculius (bouse monse)
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A.Cross references. EMBL.246258
C.Superfamily: pestlyirus genome polyprotein
C.Keywords: ATP: nucleotide binding: P-loop: polyprotein
F.1815-1822/Region: nucleotide-binding motif A (P-loop)
F.1906-1911/Region: nucleotide-binding motif B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    C:Pare: 14 Jan 1996 #sequence_revision 01 Mar 199
C:Accession: S58295
R:Moormann, H.G.P.; Micdema, G.K.W.; Hulst, P.A.
submitted to the EMBL Data Library, october 1994
                                                                                                                                                        A,
Description: The sequence of a 24152~\rm kp sequent from the left arm of chromosome
 XIV A;
Reference number: 860909
                                                                                                                                                                                                                                                                                     C;Species: Saccharomyces cerevisiae
C;bate: 15 Feb 1996 #sequence_revision 01 Mar 1996 #text_change 23 Mar 1901
C;Accession: 050912; 841329; A61105; 06-213; 865114
                                                                                                                                                                                                                                                                                                                                                                                    probable transport protein ALP1 - yeast (Saecharomyeas aerevisiae)
N;Altornate_names: protein N9660; protein YNL270c
R;Sychrona, H.; Chemallier, M.R.
                           A) Cross-references: EMBL:X92494; NID:q1045236; PIDM:CAA63228.1; PID:q1045240
                                                            A; Molecule type: DNA
A: Residues: 1 573 <SEN.
                                                                                                                                A: Accession: S60912
                                                                                                                                                                                                                     R;Sen-Gupta, M.; Lyck, R.; Fleig, U.; Niedenthal, R.N.; Hegemann, J.M. submitted to the EMBL Data Library, october 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                           860912
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A, Residues: 1 3898 :MCO>
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23.3%; Pred. No. 7;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DH 2; Length 396
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C:Keywords: amino usid transpart algospe twin, transfer, 5:75-91/Comain: transmombrane #status predicted <TM1>
F:702-118/momain: transmombrane #status isolistad TM1
F:102-118/momain: transmombrane #status isolistad TM
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A:Cross-references: EMBL:X67315
A:Cross-refere
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A:Positues: [-51] /p/ (50:125 /A/ [27:25],/H/ (271:5]6,/V/ (519:517,/H/ 549-573
A:Positues: [-51] /p/ (50:125 /A/ [27:25],/H/ (271:5]6,/V/ (519:517,/H/ 549-573
A:Poss references: EMBL:X74064;
B:Synthrous, U. (100) (411-41) (411-41)
P:Synthrous, U. (100) (411-41)
Peast (6, 771-792, 1992
Peast (6, 771-792, 1992
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E)438-451/Domain: transmembrace #status predicted -TM8.
E)439-4651/Domain: transmembrace #status predicted -TM9.
E)510-526/Domain: transmembrace #status predicted -TM10.
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A:Accession: See DNA

A:Residues. 1 573 (SEW)

A:Bross-reference: FMR: (771546 MENGINGTON) PIFM.CAAOCI77 1, PIF.glagonac,

A:Bross-reference: strain $2880

B:Sportmental source: strain $2880

B:Sportmental Modession (Michael Reference)

P:Sen-Cupta M. 1906

Peast 12, 505-514, 1996
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A:Title: Clerity and angumaring fithe Standard and anticles as a second size of the Standard and a control of the Standard Angumaring and Angumaring
ardinine transport protein - yeast (Saccharomycos corovisiao)
N;Alterbate bames: arginine permease; protein YED063c
C;Species: Saccharomycos corovisiao
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C:Superfamily: arginine permease
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E)356-372/Pomoio: Transmombraco *status frodicted aTMCS
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C)Genetics:
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A/TILLE: The sequence 5f a 24 152 bp sequent from the left arm of obtains when XTV from
A/Reference number: $65111: MHTD-96310631 PMTD:8740425
A/Accession: $65114
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A:Accession: $44329
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A;Reference number: 832648
A,Accession: 832648
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genome polyprotein : how cholera virus (strain Alfort 187) (fragment) H, Contains, actuactural protein C, Species: how cholera virus A, Variety: strain Alfort 187
7, Late: 23-th-2:1545 #sequence_terision 17-Ma, 1996 #text_change 17-N.
                       A,Residads, 1/1171 SMVV
A;Cross-references: EMBL.722525
A;Experimental source: strain Alfort 187
                                                                                                                                                                    R:Muyldermans, G.; San Gabriel, M.C.; Caij, A.; de Smet. A.; Hamers, R. Arch. Virci. 131, 429-435, 1993
A:Th. Virci. 131, 429-435, 1993
A:Title: Polymerase chain reaction-mediated cloning and in vitro translation of A.Schutenec number: 857829, MCID.92893412, FMID:8397804
A:Accession: $57829
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A, Residues: 1:1171 < M
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A:Map position: 5L
C:Superfamily: arginine permease
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A;Residues: 1:533,'V',535 590 <AHM>
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READHHAD, M., Bussey, H.
Curr. Genet. 10, 587-592, 1986
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A, Residues: 1:590 < HQF>
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A.Fotteneo munio: A23922, NCTL.86082233, FMIN.7560864
A.Asecasion, A23922
A: Note: the nucleotide sequence was submitted to the EMBL Data Library, April 1993
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J. Biol. Chem.
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US-10-064-673-322

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US-10-121-644-322

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    Sequence 20, Application 18/2008(4/98A)
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Patent No. 08/20020141991A1
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APPLICANT: Zabel, Briad A.
APPLICANT: Ponarh, Paid A.
APPLICANT: Ponarh, Paid A.
TITLE OF INVENTION: ANTI-GPK-9-6 ANTIHODIES AND METHODS OF
TITLE OF INVENTION: IDENTIFYING MODULATORS OF GPK-9-6 FUNCTION
FILE REFERENCE: 1855.1064-003
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CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US/09/5/22,752
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NUMBER OF SEQUENCES: 154
                                                                SHITE OF TRAINING THE TABLET TWEETS WWAR THE TRAINING TO STAIL
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Guegler, Karl
                                                                                                                                                                                                                                                                                                                                   Sather, Susan
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                                                                                                                                                                                                                                                                 Sequence 2, Application US/10263766
Publication No. US20036073198AI
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Best Local Similarity 98.0%;
Matches 147; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEC TO NO. 25. SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    1 MNLWLIACIVAGELGAWAPAVHAQGVEEDCCLAYHYPIGWAVLRRAWTYRIQEVSGSCNI 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 MNLWLLACLVAGFLGAWAPAVBTQGVFBJCCLAYHYFTGWAVLFFAWTYFTQEVSGSCNI, 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSE: INCYTE PHARMACEUTICALS, INC.
SIRVET: 3174 PORTER DRIVE
CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY, AGENT INFORMATION.

NAME: BILLINGS, LUCY J.

RECISTRATION NUMBER: 36,749

REFERENCY/FACSET NUMBER FF 0459 HS

TELECOMMUNICATION INFORMATION:

INFORMATION: (650) 855-0555
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SEQUENCE DESCRIPTION SEVEN NO NO. 25
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                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE STEPHE, FOSGIER, COLDSTEIN S FOX P.L.L.C.
STREET: 1100 NEW YORK AVENUE, SHIFE KID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IMMEDIATE SOURCE:
COMPUTER READABLE FORM
                                                                                                                                                      TITLE OF INVENTION: CHEMOKINE BETA 15 NUMBER OF SEQUENCES: 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER 08,709,729,777
FILING DATE: 06-Mar-2001
CLASSIFICATION: 400known >
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COMPOTER: IBM PC COMPOTED:
OPERATING SYSIEM, PC DOS;MS:003
SOPTWARE: Word Perfect 6.1 for Windows/NS 500 0.4
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                                                         STATE: D.C
                                                                            CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : 41Z
                                  COUNTRY: US
                    20005-3934
                                                                                                                                                                                           KREIDER, BRENT
ROSEN, CRAIG
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Patent No. US20020019033A1
GENTRAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 7
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OPERATING SYSTEM: PC-1838/MS-1708
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
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                                                                             COMPUTER READARLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: FIRE PC 1048/MS-DOS

SOFTWARE. Fateriin Release #1.9, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS: 9
ADDRESSED. STERRID, KIESLIE, COLDSTEIN & FOR P.I.L.C.
STREET, 1100 MEW YORK AVENUE, SUITE 600
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE DESCRIPTION: SEC ID NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: CHEMOKINE BETA 15
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPF: amino acid
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FILING DATE:
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               AFPLICATION NUMBER: 05,705
FILING DATE: 19-Mar-1999
CLASSIFICATION: <Unknown>
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Patent No. US20020141991A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 97.4%: Score 175.5, 18-10, Length 145, Best Local Similarity 98.7%; Fred. No. 2.6c-77; Matches 148; Conservative 0; Mismatches 1; Indels 1; Caps
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APPLITANT: POLITIC FAIL D.
LITE OF INVENTION: LIENTIFYING MODIFICATES AND METHORS OF THE ON THE OF INVENTION: LIENTIFYING MODIFICATORS OF THE 9-6 PUNCTION THE REFERENCE: 1855-1054 003
PHILE REFERENCE: 1855-1054 003
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US 09 931-381A 14
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                                              CURRENT APPLICATION NORMAL 05/
                                                                                                                                                                                           APPLICANT: Treaty, Maurice
APPLICANT: Bowman, Michael R.
APPLICANT: Spaulding, Vikki
APPLICANT: Carlin Duckett, McKeenah
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                                                                                                                                             APPLICANT: Kelleber, Kerry S. APPLICANT: Genetics Institute, Inc.
                                                                                                                                                                                                                                                                                          APPLICANT: Merberg, bavid
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jacobs, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/941, 481A
CURRENT FILING DATE: 2001-08-15
FRIOR APPLICATION RUMBIN: U.S. 69/648,914
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EARLIER FILLING DATE: 1999-10 06
                         EARLIER APPLICATION NUMBER: 09/414,242
                                                                                              TITLE OF INVENTION: SETRETED PROTEINS AND FOLYMUCLEOTIDES ENCODING THEM FILE REFERENCE: 61 6000 10A
                                                                                                                                                                                                                                                                                                                      ARTLICANT: Evans, Cheryl
                                                                                                                                                                                                                                                                                                                                             APPLICANI: Collins Racie, Lisa A.
                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: LaVallie, Edward R.
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: McCoy, John M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2000-08-15
NUMBER OF SEC ID NOS: 24
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PRIOR APPLICATION NUMBER: 60/059268
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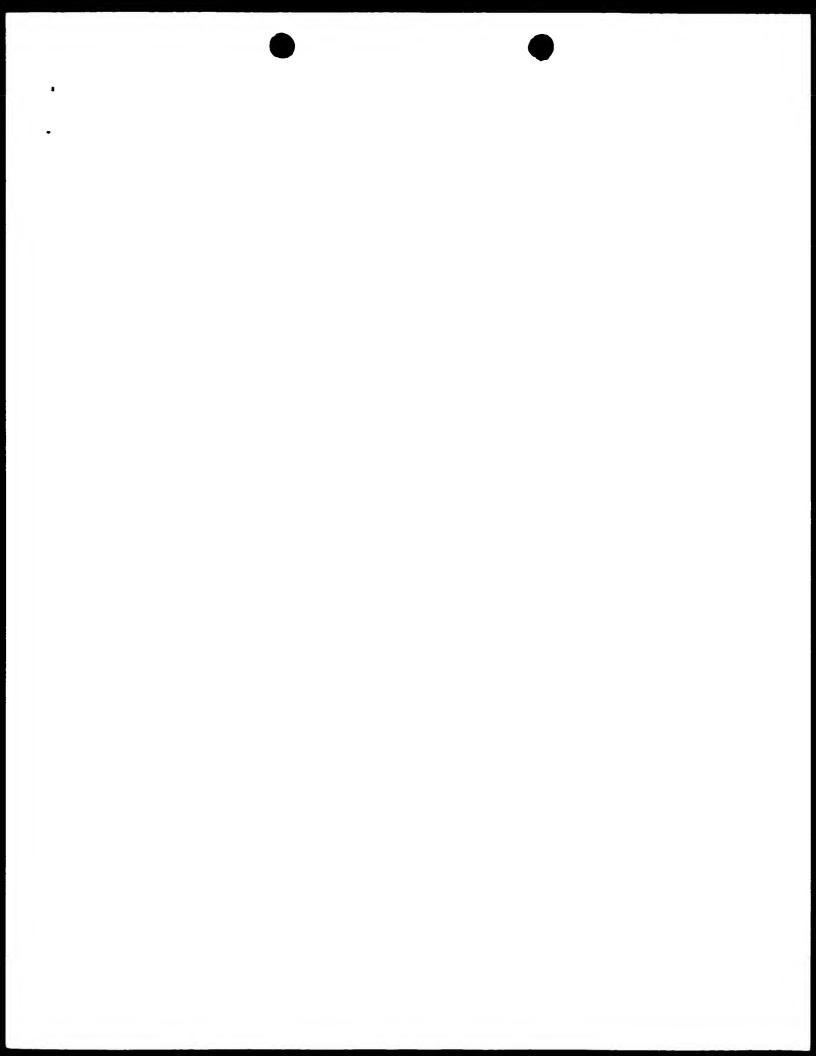
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APPLICANT: Zhand, Zemin
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TITLE OF INVENTIOR: ACIDS ENCODING THE SAME
FILE REFERENCE: P3340RICH: 082/10/140/470
CURRENT APPLICATION HUMBER: 082/10/140/470
                                      Prior Application removed NUMBER OF SEQ ID NOS: 550
                                                                            CURRENT FILING DATE: 2002:05-06
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                                                                                                                                                                                        Wood, William
                                                                                                                                                                                                              Watanabe, Colin K
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                                                        See Palm or File Wrapper
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TELEPAN, 202-371-2540
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: KREI
APPLICANT: ROSE
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KERBURG, DUCKET NUMBER: 34,688
TELECOMMUNICATION INFORMATION:
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ATTURNET/AGENT INFORMATION:
NAME: Steffe, Eric K.
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APPLICATION NUMBER: 60/019,837
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APPLICANT: Jurobs, Kenneth
APPLICANT: Medoy, John
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APPLICANT: Carlin, McKeengh
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OPERATING SYSTEM: PO-(#857M) (**)
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CITY: Cambridge
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                                                                                                                                                                                                                                       RESULT 4
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                                                                                                                                                                       Sequence 6, Application 08/09094287
Patent No. 6084971
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Patent No. 5969093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match (4.4%; Score 115; DB 2; Length 13; Best Local Similarity 31.2%; Pred. No. 1.2e-06; Matches 43; Conservative 20; Mismatches 57; Indets 18; daps
                                                                                                                                                     GENERAL INFORMATION:
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CORRESPONDENCE ADDRESS:
AUDRESSEE: Genetics Institute, the
                                                                                                      APPLICANT:
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APPLICANT: McCoy, John
APPLICANT: Kelleher, Kerry
APPLICANT: Kelleher, Kerry
APPLICANT: "arlia, McCough
IIILE OF INVENTION: PHA SEGUED THEREBY
TITLE OF INVENTION, INCODED THEREBY
                                                         TITLE OF INVENTION: Haman life Proteins and Estymoetestide ITILE OF INVENTION: Encoding Same
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
                                            NUMBER OF SEQUENCES:
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ATTORNUY/AGENT INFORMATION:
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                                                                                                                          Racio, Lisa
                                                                                                      Jacobs, Kenneth
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11-AUG-1995
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                                                                      SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                FILING DATE: Filed Herewith ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Hawkins, Phillip R. APPLICANT: Bandman, Olga
                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NOVEL RANTES HOMOLOG FROM PROSTATE NUMBER OF SEQUENCES: 5
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TELEPHONE: 617-498-8224
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ATTORNEY/AGENT INFORMATION:
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CITY: Cambridge
STATE: Massachus
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                                                                                                             OPERATING SYSTEM:
                                                                                                                                   COMPUTER:
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                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                               CITY: Palo Alto
                                                                                                                                                                                                                                                                                   ADDRESSEE:
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REFERENCE, ANDERS: 02,724
REFERENCE, ANDERS: 011
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Luther, Barbara J
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                                                                                                               INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                            SUPERMARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
ASTRICATION DATA:
FILING DATE:
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                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 93 amino acids
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               MULECULE ITEE.
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                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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IMMEDIATE SOURCE:
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INFORMATION FOR SEQ ID NO: 2:
                                                       SEQUENCE CHARACTERISTICS: 2:
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AMME: HOWEL SCOTT A.
REGISTRATOR NUMBER: 42.7.44
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SOFTWARE: Patentin Release #1.0, Version #1.40
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                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
GFERATING SYSTEM: PC DAS/MS-INS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          y Match 13.4%; Searc 107; DB 1; Lorath 122;
Local Similarity 28.1%; Fred. No. 1.1e-05;
hos 32; Conservative 10; Mismatches 26; Indels 46; Gaps
                                                                                                                                                                                                                                                          APPLICATION NUMBER: 03/09/094,287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Cambridge
STRANDEDNESS: not relevant
                                   CENGIH:
                                                                                               TELEFAX: 617-876 5851
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                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/418,032
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                  amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3E: Genetics Institute, Inc. 87 CambridgePark Brive
                                   134 amino acids
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(512) 289 2670
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; IOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-094-287-2
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US-09-251 545 2
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Best Local Similarity 39.4
Matches 28; Conservative
                                                                                                                                                                                                                                                                                  ; Sequence 4, Application US/09094287 ; Patent No. 6084071
                                                                                                                                                                                                                                                                                                                         RESULT 11
US-09-094-287-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EARLIER APPLICATION NUMBER: 60/074,883 EARLIER FILING DATE: 1998-02-17 NUMBER OF SEQ ID NOS: 2
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CURRENT FITTNT DATE: 1999-02-17
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APPLICANT: John E. White
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                                                                                                                                                                                                                                                                 GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 134
                                                                                                                                                                                      APPLICANT: Racie, lisa
APPLICANT: Jacobs, Kenneth
TITLE OF INVENTION: Human L105 Proteins and Polynumbertide
TITLE OF INVENTION: Encoding Same
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                              CORRESPONDENCE ALDRESS: Institute, Inc
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                                                                                                                                                                      NUMBER OF SEQUENCES:
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EIF. S2140
                                                                                           STREET: 87 Camb
MEDIUM TYPE: Floppy disk
                                                                        STATE:
                                                                        Massachusetts
                                                                                                                87 CambridgePark Drive
                                                          USA
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; Patent No. 5981231
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Matches 28; Conservative
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NAME: Brown, Scott A.
REGISTRALLON NEMBER: 72,724
INFORMATION FOR SEQ ID NO: 3:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: WEL, YING-FE APPLICANT: KREIDER, HER APPLICANT: ROSEN, CRAIG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC DOS/MS-DOS
SCTWARE, Dateolin Pcinage #1 0. Version #1.30
CURPENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                           REGISTRATION NUMBER: 36,688
KEFERENCE, USCRET HIMZEF 14'
TELECOMMUNICATION INFORMATION:
                                                                                           ETLING DATE: 17-JUN-1996
ALIGNHLI/ASERT INFORMATION.
NAME: Steffe, Eric K.
                                                                                                                                              PRIOR APPLICATION DATA: APPLICATION NUMBER: 60/019,837
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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                                                                                                                                                                                   CLASSIFICATION:
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              TELEPHONE: 202-371-2600 TELEFAX: 202-271-2540
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Stotfo, Bric K.
36,688
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617-876-5851
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Patent No. 6057426
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TELEFAX: (973) 235-2363
INFORMATION FOR SEQ. (B. NO: 2):
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MEDIUM TYPE: Floppy
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PROTESTRATION NUMBER: 88522
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APPLICANT: FUSTICI, JAHA M
THILE OF INVENTION, DREPTTOM AND TRIATHENT OF BREACH DISHASE
FILE REFERENCE: 200755/1002
CHRERT APPLICATION RUMBER, 95/99/145,580A
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EARLIER APPLICATION NUMBER: 60/071,889
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***CORRENT FILING DATE: 1998-09-03
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SOFTWARE: Patentin Ver. 2.0
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EARLIER APPLICATION NUMBER: 50/092/155
EARLIER FILING DALE: 1998-07-09
NUMBER OF SEC ID NOS: 18
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TITLE OF INVENTION: DETECTION AND INCATMENT OF BREAST DISEASE
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MAMILY KLA L. SHARING
                                                 FEATURE:
                                                                                                                                                               TYPE: PRT
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LOCATION: (47)
                                                                                                   OKCANISM: Homo sapiens
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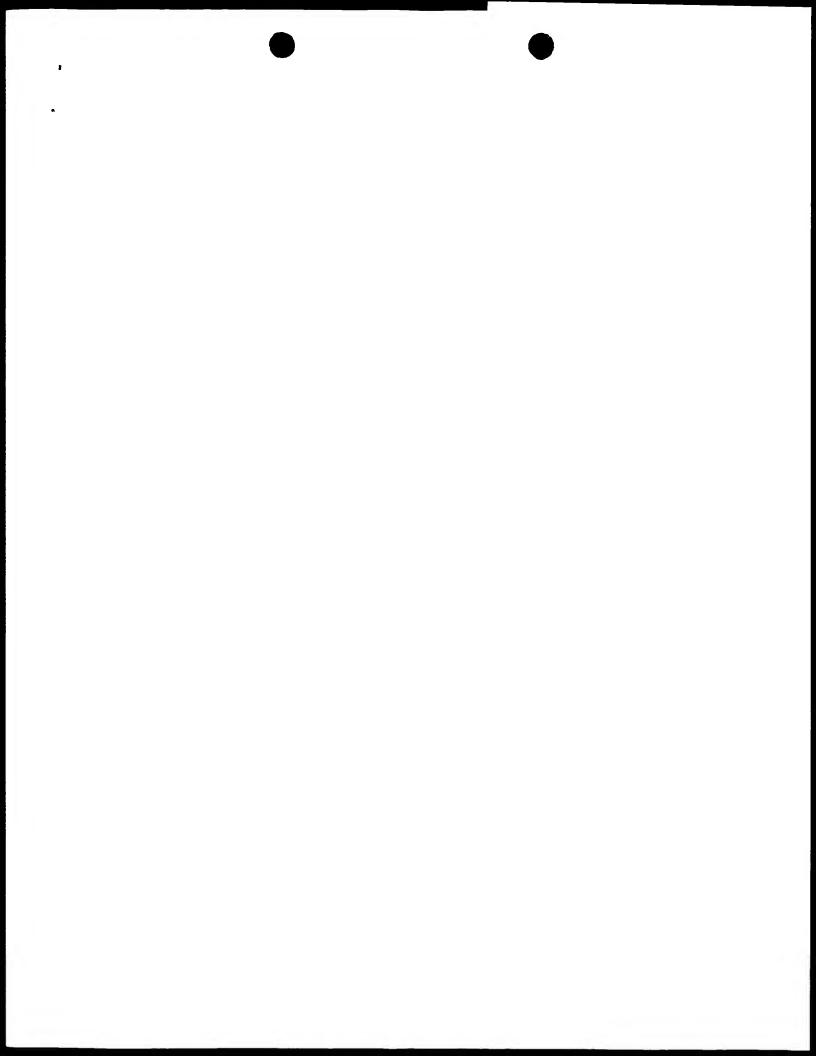
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OTHER INFORMATION: Xaa at position 70 is either Arg or Gly
FEALURE:
NAME/KEY: UNSURE
LUCATION: (91)
COTHER INFORMATION: Xaa at position 91 is either Lys or Asn
US-09-146-583-1

OUETY Match
Hest Local Similarity 30.5%; Pred. No. 0.00049;
Hest Local Similarity 30.5%; Pred. No. 0.00049;
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Matches 29: Conservative 12: Mismatches 44: Indels 10: Gaps

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SUMMARIES

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HIGHTOR INTERACTION. MEDILINE-99248189; FubMed-10229797; MEDILINE-99248189; FubMed-10229797; MEDILINE-99248189; FubMed-10229797; MARCHIELS A., ORLINE-SERVE A., VARONA F., Ardavin G., Marquez G.; "Identification of the capture theodole in-captur GFE 9 6 as GTR9, the receptor for the chemokine TECK.";	
SEQUENCE PEOM N.A. (ISOFORM 2). "ISSUED Thymus: Hisshina K., Habayama T., F.)Lawa E., Izawa D., Yoshie O.; "Molbeddan of budnet and obaranterization of a splining nation of themshine TETE, a natural antarchiet of budnet of TETE."; "Lamitted ("Tiphon) to the FRECTO FROTONIA databases.	SEQUENCE PROM N TISSUE Thymus: Hissbica K., Ma "Melecular show "Acholicular show "Laholitud ("Te
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SEQUENCE FROM N.A. (ISOFORM 2). TISSUE-Thymus, MEDILINE 97429775; DubMed 9285414; Vicari A.P., Flaueros D.J., Hedrick J.A., Foster J.S., Siedh K.P., Wenon S., Copeland N.G., Silkert D.J., Jenkins N.A., Faren K.B., Ziotnik A.	SEQUENCE FROM N TISSUE-Thymus; MEDLINE 9742977 Vicari A.P., Fi Menon S., Copel
oman). 2012 (Chordata: Oriniata: Vertebrata: Eureleosfomi: 2013 Primates: Catarrhini: Homenidao: Home.	SCYA25 OR TECK. Homo sapiens (Human). Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates; MCHI_TaxID=9606;
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                                                                                    SUBCELLULAR LOCATION: Secreted.
                                                                                                                              CELLS. AND DENDRITICS CELLS RHT IS INACTIVE ON PERIPHERAL BLOOD LYMPHOCYLES AND NEUTROPHILS.
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100.0%; Pred. No. 8.30
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              MEDICINE 99454922. PabMed 16523616;
Vassileva 2., 959 H. 2194614 A., NJPID-II., KINIDCHI T.,
Hedrick J.A., Lira S.A.;
"The reduced expression of 60kine in the plt mouse results from the
deletion of one of two 60kine genes.":
                                                                                                                                                                   "Isolation and characterization of Ecodos 2, a moved 2.2 with a unique 87 amino acid carboxyl terminal extension.":
J. Immunol. 159:2554-2558(1997).
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01,3700519
                                                                                                                                                                                                                                                                                                                                                                      Mus musculus (Mouse).
Eakaryota: Metazoa: Chordata: Craniata: Vertebrata: Enteleostomi:
Mammalia: Enteria: Rodentia: Sciuroanathi: Muridae: Murinae: Mus
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E.Y.
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InterPro; IPR001811, Chemokine fis.
SMART, SM00199; SCY: 1
Fession President SMAIL_CYPEKINE_TO, PALSE_NES.
Type Five: Chemoticking inflammatory response; Signal.
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                                                                                                                                    SEQUENCE FROM N.A. (SCYA21A AND SCYA21H)
                                                                                                                                                                                                                                 Hromas K., Kim C.H., Klemsz M., Kraftmohl M., Elle K., Cooper S.,
D. Lufzk D. Bick C., Browneyer H.E.,
                                                                                                                                                                                                                                                                          MEDIJINE-97444139; PabMed 9300671;
                                                                                                                                                                                                                                                                                               TISSUE Petal;
                                                                                                                                                                                                                                                                                                                SEQUENCE FROM N.A. (SCYAZIA).
                                                                                                                                                                                                                                                                                                                                                         NCRI TaxID 10090;
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2) (tekine) (flymus derived chemotactic agent 4) (10A4).
(31TA21A ek 80TA21) AND (80YAZ1B OF 80YAZ1).
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15 JUN 2002 (Rel. 41, Last annotation update)
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Local Similarity 47.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                the adhesion and chemotaxis of naive T lymphocytes.")
From Matl Acad. Soi. U.S.A. 95.258-253(1998).
-- FRETTON THERETS HIM-POLICES AND STIMULATE CHRES.FAXIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gunn M.D.,
Williams L
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                                                                                                                                                                                                            MGD; MGI:1349182; Scya21a.
MGD; MGI:1349183; Scya21b.
                                                                                                                                                                                                                                                                                                                                                                                                  extition to thirty a library afforder (we till a work to sit elgannous); or send an email to license disbesib.ch).
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Unsprined 154-1584-1594(1997).
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Hedrick (A., Plathik A.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "A chemokine expressed in lymphoid high endothelial venules promotes
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                                                                                                                PROSITE: PRO047D; SMALL_CYTOKINES_CC; FALSE_NEC
                                                                                                                                        SMAPI - SMOOLGG: SCY;
                                                                                                                                                         Ptam; PF00048; IL8; 1.
                                                                                                                                                                       InterPro: IPR000827; CC_chemkine_sml.
InterPro: IPR001811; Chemokine_ILB.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Immunol. 159:5671-5679(1997).
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DISEASE: MICE CARRYING AN AUTOSOMAL RECESSIVE MUTATION
DESIGNATED PAUCITY OF LYMPH NODE I CELLS (PLI) SHOW DRAMATICALLY
REDUCED NUMBERS OF T CHILS IN LYMPH NODES, ENYER'S PATCHES, AND
THE WHITE PULP OF THE SPLEEN. PLI SEEMS TO CORRESPOND TO SCYAZLB.
MISCELLARE JOI. TWO CHESS COPE FOR STYAZI. THEY TYPEFES PETETINS
THAT ONLY LIFTER AT ONE POSITION, STYAZIA HAS LIFTER (STYAN FEEL)
WHILE SCYAZIE HAS SEPTES (SOY NE-SEE).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CHEMOTACTIC IN VITAL FUR THYMOCYTES AND ACTIVATED I CELLS, BUT NOT FOR B CELLS, MACKOPHAGES, OK NEUTROPHILS, POTERN MESKAKCIAL CELL CHEMOATTANTONIC SIN WE RESETERWILLA, ACTIVITY TYMAKY MALVE I CELLS, MAY PLAY A KOLE IN MEDIATING HOMING OF LYMTHOCYTES TO SECONDARY LYMPHOLD OKCANS. FINDS TO COPT AND TO CYCPRESISCONDARY LYMPHOLD OKCANS.
                                                                                                                                                                                                                                                                     AF171085: AAF16930.1; -.
AF171086: AAF16931.1; -.
AF0001980: AAB86595.1; -.
AF0005637: AAB61440.1; -.
C AF036644: AAC826.4 ! -.
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TISSUE SEPTIFICATIVE PERFECTOR STEVENTY IN 1792, SPLIFH, TWY
PERIPHPRAL AND MESENTER LYMPH WODES. ALSO EXPRESSED IN THE
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Chemotaxis, 8
1 23
24 133
98 143
31 57
32 75
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SMALL INDUCIBLE CYTOKINE A21
C: TERMINAL BASIC EXTENSION.
HY SIMILARITY.
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SOLITION
 Wang Z.,
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30 MAY 2000 (Rel. 39, Last sequence update)
17 UST 2002 (Ad. 1), Last sequence update)
27 UST 2002 (Ad. 1), Last sequence update)
28 Mail Ind. (H) to take the Ast products of (2012) (Bataxin-3) (Macrophage 2011) ind. (H) protects 4-alpha) (MH-4 alpha) (Thymic stroma chemokine-1), (MC-6-1)
                                                             Kitaura M., Suzuki N., Imai J., Takaqi S., Suzuki R., Nakajima J.,
Hirai K., Nomiyama H., Yoshic O.,
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functional ligand of CC chemokine receptor 3.";
J. Biol. Chem. 274.27975 27986(1999).
                                                                                                                                                                                                                                                                                                                                                       MEDICAL 93949775; PebMed=10415065;

$13.4 C.A., Y. Niele H., F.De K., Phys. P., Nikadawa S., Saito A.,

Esk. D. T. Thangu F., Esk. F., Denston, Esk. D., Zoloka B., Puga I.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TISSUE-Heart
MEDLINE 9989563, PubMed-10374340;
Cus K.P., Ward F.A., Hu S.M., M. B.D.Tie J.E., Hober
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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PEUNCTION, CHEMOTACTIVE FOR ESTROPHILS AND BASOPHILS, BINDS TO
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"Molecular cloning and functional characterization of a novel member of the Content the family."

J. Immunol. 1555-552-5546 (1995)

FERMETICH. M. REKINE WITH INFLAMMALERY, PYROBERIC AND CHERCHIEF PROPERTIES, CIRCULAIES AT HUGH CONTENTATIONS IN THE HOOD OF HEALTHY ANIMALS. BINDING TO A HIGH APPINITY RECEIPTOR ANTIVATES CALCIUM RELEASE IN NEUTROPHILS. IT ALSO INHIBITS COLONY FORMATION OF HONE MARKOW MYELOUD IMMATURE PROGRATIORS.
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Luheshi G., Rothwell N., Bentler B.;
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                                                                                                                                                      lo; Mismatches
                                                                                                                                                                                                                                          Prod. No. 0.0003;
                                                                                                                                                                                                                                                                                                                     Seate 107.
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FELKS LAYHYFIGWAVLKKAWIY 49
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    000585;
000585;
15-JUL-1999 (Rel. 38, Created)
15-JUL-1999 (Rel. 38, Last sequence update)
15-JUL-1999 (Rel. 41, Last annotation update)
15-JUN-2992 (Rel. 38, Created)
15-JUL-1999 (Rel. 38, Last sequence update)
16-JUL-1999 (Rel. 38, Last sequence up
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Mammalia; Putheria: Primates: Catarrhini; Hominidae; Homo.
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Schulifein-Biok J., Presurger H.E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NCBI_TaxID-9606.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gunn M.D., Tangemann K., Tam C., Cyster J.G., Rosen S.D., Williams ( T : "A chemokine expressed in lymphoid high endothelial venuins promotes the adhesion and chemotaxis of paive T lymphocytes ")
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Submitted (APR-1998) to the EMBL/GenBunk/DDBJ databases
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Reiterer P., Bernhardt G., Lipp M.; "Genomic organisation of human SLC.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE FROM N.A
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   RAKEROSS SAFETT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FETAL HEART AND FETAL SPLEEN.
-!- SIMILARITY: BELONGS TO THE INTERCRINE BETA FAMILY (SMALL CYTOKINE C.C.) (CHEMOKINE CC).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EMBL; AF001979; AAB86594.1; -. EMBL; AB002409; BAA21817.1; -. EMBL; AJ005654; CAA06653.1; -.
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Pfam; PF00048; 118; 1,
SMART; SM00199; SCY; 1
PE6031TE; PS00472, SMALL
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                                                                                                                                                              OURNUS,
16-OCT-2001 (Rel. 40, Created)
16-OCT-2001 (Rel. 40, Last sequence update)
16-OCT-2001 (Rel. 41, last annotation update)
25-JUN-2002 (Rel. 41, last annotation update)
25-JUN-2002 (Rel. 41, last annotation update)
25-JUN-2003 (Rel. 41, last annotation update)
25-JUN-2003 (Rel. 40, Last annotation update)
25-JUN-2003 (Rel. 40, Created)
26-JUN-2003 (Mucosae-associated epitheliai chemokine) (MEC) (MEC)
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TISSUE-Fetal heart, and Osteoblast;
MEDITUS-20057357, PubMcd-10781587;
Wang W., Soto H., Oidham E.K., Buchanan M.F., Homoy R
                                                                                                                                                                                                                                                                    SY28_HUMAN
                                              SECUENCE FROM N.A., AND RECEPTOR INTERACTION
                                                                                                                                                   SCYA28.
                                                                                                   Eularyota, Molaine - Refeated, Codernoo, Mammalia; Euthoria; Primates; Catarrhini;
                                                                                                                                  Homo sapiens (Human)
                                                                                 NCBI_Tax!D-9606;
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SUBCELLULAR LOCATION: Secreted.
TISSUE SPECIFICITY: HIGHLY EXPERSED IN HIGH ENDOTHELIAL VENULES.
TISSUE SPECIFICITY: HIGHLY EXPERIENCE.
                                                                                                                                                                                                                                                                                                                                                                                                                24 SESSACIAL EXSUST I ARVVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               bocal Similarity
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BY SIMILARITY.
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"A novel of chemokine hamology with IEEK.";
Submitted (DEC 1998) to the EMBL/Zembuck ZEBR Jailbares.
I FUNCTION: CHEMOTACTIC ACTIVITY FOR RESTING CD4, CD8 I-CELLS AND
EDSINOPHIES. HINDS TO COR (AND COR)O AND INDUCES CALCIUM
                                                           SECTION OF AS
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                             ORBURS: QRZIXI;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EMBL: AFTEGGGG, AAGTGGGTT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              modified and this statement is not removed. Usage by and for commercial entities response a license agreement (See https://www.lsh.sh.b.//naconee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           use by non-profit institutions as long as its content modified and this statement is not removed. Usage by an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    This SWISS PROF entry is eapyright. It is produced through a collaboration between the SWISS Institute of Bioinformatics and the EMBL outstation the European Bioinformatics Institute. There are no restrictions on it
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Vietra M.A., Genovese M.C., Putcher E.C., Soler B.,
"A morest abounding lighted to scaple in Lampdocky ownoced by aphtholist
15 JUL 1999 (Rel. 38, Created)
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Kersbenerieh D., Smith K., Merlanahan T., Vicari A.P., Ziotnik A.,
"Identification of a novel stemokine (Pilzk), which binds orkly
                                                                                                                                                                                                                     H4 WMEV_AAEEB 'E DAV HEEBER JEBELABAG_UKH
                                                                                                                                                                                                                                                                                          HE AMKILLIAN
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Albar J.P., Ardavin C., Marquez G.;
"Mideellat (Decise, factional characteristics actional menA expression
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15-JHE-1999 (kel. 41, hast atmodation update)
8mall intended eyecktus A20 precursor (20129) (Macrophage
inflammatory protein 3 alpha) (MIP 3 alpha) (Liver and activation-
regulated chemokine) (CC closh-kine LAE) (beta chesh-kine exams 1)
                                                                           This SWISS-PROT entry is copyright. It is produced through a collaboration this swiss-profit is contained the EMBH, outstation to
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MEDIINE 9911494F, PubMed 9916894;
HIARE-Extensive C
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Enkaryota: Metazoa: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (LARC) in intestinal epithelium in mice and humans.": Eur. J. Immunol. 29:633-642(1999).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TISSUE Liver;
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Submitted (201 1998) to the EMBLyGenMank/DOGO databases
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Neuroimmunol. 92:179-190(1998).
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                                                                                                                                                  SIMILARITY: BELOWED TO THE INTERCRINE BELA FAMILY (SMALL CYTOKINE
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the European Bioinformatics Institute. There are no restrictions on use by non-profit institutions as long as its content is in no modified and this statement is not removed. Usage by and tor commer

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EMBL; AJ007852; CAA97714.1;
EMBL; AF099052; AAC78686.1;
EMBL; AT022594; CAA76948.1;
EMBL; AR015136; BAA76955.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE FROM N.A.
MEDLINE=99262167; PubMed=10329455;
Hitches F., Browneyer H.F., Kim C., Christopherson K. II., How Y. H.,
"Isolation of ALP, a novel divorgent muripo of chomokino with a unique
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOUSE
                                                                                                                                                                                                                                                                                                           MEDLINE-20026096; PubMod:10556532; Ichikawa McChinawa Mc
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Eukaryota: Metazoa; Chordata: Craniata: Vertebrata: Euteleostomi;
Mammalia: Eutheria: Modentia: Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2.35
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InterPro: TPR000827; CC_chemkine_sc
InterPro; TPR001811; Chemokine_II8
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MEDITHE COMMESSE: Inchined 19588729; MCESSE L.M., Clothall M., Bedri Orocho F., Chpelant M.G., Joseffes N.A., MCESSE L.M., Clothall Grant M.G., Joseffes A.A., MCESSE L.M., Clothall Grant M.A., MCESSE J.C.M., MCESSE J.C.M., Clothall Grant M.A., MCESSE J.C.M.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30-MAY-2000 (Fe) 30, fast sequence of later)
15-JUN-2002 (Fe) 41, last annotation update)
8mall Inducitie eyective A27 presentson (CLL27) (CC chemikine IU2) (Ib-
11 RALPHA-locus chemokine A27 presentson (Skinkine) (ESkine)
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BY SIMILABITY.

B) SIMILABIT:

MISSING (IN SHORT ISOFORM).
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P97884:
P15.301.1936 (Fa) 38. Areated)
P5.301.1936 (Fa) 38. Last sequence update)
P5.301.2002 (Rol. 41, Last annotation update)
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Enflormatory protoin 3 alpha) (Mile 2-alpha) (Liver and activation-
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InterPro, 1F8060827; CC_chemkinc_smi.
InterPro, 1F8060827; CC_chemkinc_II.8.
SMART; SM00199; SCY; 1.
IE.SETTE, F806472; SMAIL_TYPFFTHFT_CT.
                  STRAIN-Sprague-bawley;
Kelner G.S., Maciejewski-Lemoir D., Lee P.D., Mari P.A.;
Whatimated the agreement produce the on elementary evodus.";
Schalited (FTR 1997) to the EMPL/Defret/Tup (databases.
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Eukargota, Metanea, Chordata;
Mummoliu, Eulleriu, Rodentia,
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EMBL: AF099931; BAA88474.1; -..
EMBL: AF082292; AAD41237.1; -..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 chemokine ST38).
SCYA20 OF ST38.
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                                                                                                                                                                                                            A.W MCAL ELON N. W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            68. THAN HASHASA TASALSA TARAMETAN TAN MAMPININ HAN HAN HAN HAN HATTI 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16 3TMAV ISANGORA, ASA - - AVTITTAAVÕ BELDEDAYAÕ TÄRRIAT SETTELE TÜÜLDE 18. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19. († ) 19.
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13441 MW;
                                                                                                                                                                                                                                                                                                                                      Chordata; Craniata; Vertebrata; Euteleostomi;
Nodentia, Sciuroquathi, Muridac; Murinac; Eut
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SY24 HUMAN
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                                                                                                                                                                                                                                                                                                                                                                                     15 JUL 1999 (Rel. 48, Created)

10 MAY 2000 (Rel. 4), Last sequence update)

15 JUN 2002 (Rel. 4), Last sequence update)

Small inductble cytokine A24 precursor (CCL24) (Myeloid progenitor inhibitory factor 2) (MPLF 2) (CK beta 6) (Rotaxin 2).
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         MEDLINE 97258609; PubMed 9104803
                                                                                                                                                                                                                                                              Homo sapiens (Homan).
Bukaryaka: Metazea: Cherdita: Camiata: Vertebrata: Enteleostomi.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lesslaner W.:

"A morel rat (*C chemokine, identified by targeted differential display, is upregulated in brain inflammation.";

J. Neurolumnanol. 92:179 190(1998).

! FUNCTION: CHEMOTACTIC FACTOR THAT ATTRACTS LYMPRESTYTES ARE
                                                                                      SEQUENCE FROM N.A., AND SEQUENCE OF 27 41 AND 73
                                                                                                                                                                                      NCBI LIXID 9606;
                                                                                                                                                                                                                          Mammalia: Butheria: Primates: Catarrhini: Hominidae:
                                                                                                                                                                                                                                                                                                                                                                   SCYA24 OR MPIEZ.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Interfree: IPRODO827; or chemkine sml
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE FROM N.A., AND SEQUENCE OF N TERMINOS STRAIN FISCHOT 444; FISSUE BLAID; MEDLINE 9911-691; PubMod 9916893;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PROSTIE: PSOU4/2: SMALL_CYPOKINES_CC; FALSE_NEC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FISSUE SPECIFICITY: LOW LEVELS IN THYMUS AND LUNG. INDUCTION: BY THE IN EXPERIMENTAL ALLERGIC PANENCAPHALOMYELITIS (EAF) AND BY THE AND IL 1 IN PRIMARY ASTROCYTES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SIMILARITY: BELONGS TO THE INTERCRINE BETA FAMILY (SMALL CYTOKINE (^{\alpha},^{\alpha})) (CHEMORINE (^{\alpha},^{\alpha})).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 94;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SMALL INDUCTIBLE SYTOKING A20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      - <del>K.</del> . .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7B323410F2B2E6DF CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      114 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.0052;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DR 1; Length 96;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AYHYPIGWAVLRRAWTYRIQEV 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   39. Linde La
                                                                                                                                                                                                                               Home
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ARNEVGETTOMA 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Galpa
    between the Swiss Institute of Bioinformatics and the EMBL outstation—the European Bioinformatics Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way sailtied and this statement is not reduced. Usage by and for commercial entities requires a license agreement (See http://www.isb.sil.elgarmente.com/seed/analyticalsenses/agreement (See http://www.isb.sil.elgarmente.com/seed/analyticalsenses/agreement/see/http://www.isb.sil.elgarmente.com/seed/analyticalsenses/agreement/see/http://www.isb.sil.elgarmente.com/seed/analyticalsenses/agreement/see/http://www.isb.sil.elgarmente.com/seed/analyticalsenses/agreemente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www.isb.sil.elgarmente/see/http://www
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DISULFID
                                             DISULFID
                                                                                                                                   SIGNAL
                                                                                                                                                                                                                 PROSTIF: PS00472: SMAIT_CYTO-KINES_OC. FALSE_NEG
Cytokiro: Chomotaxis: Signal: Clycoprotein: Inf
                                                                                                                                                                                                                                                              SMART: SM00199; SCY; 1.
PROSITE: PS00172: SMAIT
                                                                                                                                                                                                                                                                                                                                                         Ptam; PF00048; 1L8; 1.
                                                                                                                                                                                                                                                                                                                                                                                         InterPro: IPR000827; CC_chemkine_sml
InterPro: IPR001811; Chemokine_IL8.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Genew: HGNC:10623; SCYA24.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PDB; 1EIG; 06-DEC-00.
PDB; 1EIH; 06-DEC-00.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 FIM. N GLYCOSYLATED.
-1- SIMILARITY: BELONGS TO THE INTERCRINE BETA FAMILY (SMALL CYTOKINE C-C) (CHEMCKINE CC).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FIGGRACIALY 35:8362 83:55(2000).

-II- FUNCTION: CHEMOTACTIC FOR RESTING TIAMPHERYFES, AND EASTNOBHID HAS LAWRENCE CHEMOTACTIC ACTIVITY FOR NEUTROPHILS BUT NONE FOR MONOCYTES AND ACTIVATED LIMITHACTIES, IS A SIRGM SUPPRESSOR OF COLONY FORMATION BY A MULTIPOTENTIAL HEMATOPOLETIC PROBENTIAR CLARK TORROSTION BY A MULTIPOTENTIAL HEMATOPOLETIC PROBENTIAL BY A MULTIPOTENTIAL HEMATOPOLETIC PROBENTIAL BY A MULTIPOTENTIAL BY A MULTIPOTENTIAL HEMATOPOLETIC PROBENTIAL BY A MULTIPOTENTIAL HEMATOPOLETIC PROBENTIAL BY A MULTIPOTENTIAL BY A MULTIP
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                                                                                           NIAH
                                                                                                                                                                            3D-structure.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             This EWISS PROT entry is expyright. It is produced through a collaboration
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Submitted (HN 1998) to the EMRL/Clebank/DDRJ databases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TISSUE-Monocytes;
MEDLINE-98030404; PubMed 9:05122;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "Motocular and functional characterization of two movel human C-C chemokines as inhibitors of two distinct classes of myeloid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -!- TISSUE SPECIFICITY: ACTIVATED MONOCYTES AND ACTIVATED T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "NMR solution structure and receptor peptide binding of the clear time contacts (2.")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mayer K.L., Stone M.J.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDLINE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "cDNA, genomic organisation and chromosomal location of the MPTF 2 (cotaxin-2) gene.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Hein H., Theran L.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE OF 3-117 PROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   that binds to the CCR3 receptor and activates human eosinophils."; J. Leukov. Biol. 62:667-675(1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "Cloning and functional characterization of a novel human co chemokine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           White J.E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   J. Exp. Med. 185:1163-1172(1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gentz R., Garotta G.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patel V.P., Kreider B.L., Li Y., Li H., Leung K.,
Nardelli B., Pippalla V., Gentz S., Thotakura R.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Submitted waste 1966; to the importantalk, bind databases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sarau H.M.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SECONNICE TWOM N.A., AND SECURIOR OF M TERMINUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LYMPHOCYTES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUBCELLULAR LOCATION: Secreted.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      U85768; AAB51135.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AC005102; AAD15410.1;
AJ223461; CAA11383.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20374512; PubMed-10913244;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BINDS TO CCR3.
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26
119
58
74
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                                                                                      SMALL INDUCTIBLE CYTCKINE A24
                                                                                                                                                                                                                     Inflammatory response:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Parmelee D.
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             Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    $106_MOUSE $TANDARD: PRT: 116 AA. P27784; P27784; O1-ANG-1992 (Pel. 23. Created) O1-AUG-1992 (Pel. 23. Last sequence update) 15-JUN-2002 (Pel. 41. Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRAIN-CHA/T: TISSUE-Bone marrow;
MEDLINE-91376683; PLLMed-1-1832565;
Criofsky A. Relyer M S. Prystrwsky M.B.:
"Nevel expression pattern of a new member of the MTP-1 family of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukuryula, Metizoa, Chordita: Craniata: Vertebrata: Euteleostomi:
Mammalia: Eutheria: Rodentia: Sciurognathi: Muridae: Murinae: Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mus musculus (Mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SCYA6 OR C10.
                                                                                                                                                                                                                                                                                          use by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial entities requires a license agreement (See http://www.isb-sib-sh/announce/or send an email to license@isb-sib.ch).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NCBI_Tax1D=10090;
                                                                                                                         SMART: SM00199; SCY. I.
PROSITE; PS00472; SMLL_CYTOKINES_CC: 1
CYLOKINE; Chemotaxis; Signal.
CYLOKINE; Chemotaxis; Signal.
SIGNAL.
                                                                                                                                                                                   HSSF, P55773; 1691.
MGD, MGI 9826, Seyu6.
InterPro, IPPONOR27: CC_chemkine_sml.
InterPro, IPSOCHWI: "Inter-kine_IIR
Pfam; PF00048; ILB; 1.
                                                                                                                                                                                                                                                                                                                                                        the European Bioinformatics Institute.
                                                                                                                                                                                                                                                                                                                                                                      This SWISS-PROJ unity is requisible it is produced through a collaboration between the Swiss Institute of Bioinformatics and the FMHL outstation -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE FROM N.A.
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                                               SEQUENCE
                                                              DISULFID
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                                                                                              DISULFID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13 FLGAWAFAVHTQC ·· VFEDCCLAYHYPIGWAVLPPAWTYPI----OEVSGSCNLPAAIFY 66
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUBÉDILULAR LOCATION: Secreted.
TISSUE SPECIFICITY: EXPRESSED IN MYELOPOIETIC BONE MARROW
CULTURES STIMULATED BY GM-CSF.
INLUCTION: ASSOCIATED WITH STIMULT THAT PROMOTE MYELOID
                                                                                                                                                                                                                                                                                                                                                                                                                                                      DIFFERENTIATION.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HIKKGÇÇEGGDEKÇEWVÇEYMKNI.DAKÇK 94
                                                                                                                                                                                                                                                                                                                                                                                                                          C-C) (CHEMOKINE CC).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 inducible cytokine A6 precursor (CCL6) (C10 protein).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Consorvative
                                               116 M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2-403-412(1991)
                                                                                                                                                                                                                                                                                                                                                                                                                                       BELCHUS TO THE INTERCEINE BETA FAMILY (SMALL CYTOKINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11 7%; Score 93 5; DR 1; Length 119; 32.6%; Pred. No 0 0075;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13133 MW;
                                                100
12384 MW:
   11.7%;
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A -> G ('N PFF 1)
F -> S (IN REF 1; AA SEQUENCE).
; 6CAACA61731FB393 OPC64;
                                                               BY SIMILARITY.
BY SIMILARITY.
      pred No 0 0082;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRT;
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Naidella B., Lippalla V., Grort S., Thornkura P., Darmaloe D.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE FROM N A., AND SEQUENCE OF 22-36. TISSUE-Aortic endothelium:
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SIROCIUME BY MBN OF 45 120.
MEDLINE-21265011; PubMed-11060285;
Kajarathnam K., Li T., Kohfer T., Genty R.,
                                                        "The chemokine information source: identification and characterization of march characteries using the WeildWideWeb and expressed sequence tag databases.";
[1.10] 61-545-550(1997).
                                                                                                          MEDLINE-97275303, PLEMED 9129202:
Wells T.N.C., Peitsch M.C.;
                                                                                                                                                                                         Momiyama H., Fikuda S., Tio M., Tanase S., Miura R., Yoshie O.:
"Organization of the chemokine gene cluster on human chromosome
1/911.2 containing the genes for GO Shemokino MpTF-1 HOC-/ TEC.
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InterPro: 1PROUONN1; chemokine ILN.
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I. BOOL Chem. 25-4909 4804 (2001).
I. FURTILES, SHAMAN THEM SANTEY ACTIVITY FOR MARKETES, BUSINES I
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SHE'ELLHIAR LO'ALTON: Secreted.
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Nomiyama H., Pukuda S., Iio M., Finase S., Miura R., Yoshie O.;
"Oraganization of the chemokine dene claster on human chromosome
1741.2 containing the genes for C. shemokine MPIF 1, HCC-2, LBC, and
HANTES.";
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15-JUL-2002 (Rel. 41, Last annotation update)
15-JUN-2002 (Rel. 41, Last annotation update)
Small inducible eyickine A16 precursor (CVL16) (IL 10 inducible chance in 197) (Florit expressed themskine) (Monotactiu I) (MIR 1) (Themskine CC 4) (B2 4) (B2 4) (Typhhoryte and monosyte)
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"Isolation and characterization of LMC, a novel lymphocyte and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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SCYA16 ok HINCK OR NCC4.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  increased by interleukin:10.";
Blood 91:4242 4247(1998).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hedrick J.A., Helms A., Vicari A., Zlotnik A.; Whose expression "Characterization of a novel of chemokine, Hoo 4, whose expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDITINE-98261451; PubMed-9596672;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens (Human).
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PISSUE Liver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                              HISSUE Liver;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Interferon Cytokine Res. 19:227-244(1999)
DESENSITIZED BY PRIOR EXPRESSION TO KANLES.

SUBCELULIAR LOCATION: Sectoded.
LISSUE SPECIFICITY: MAINTY EXPRESSED IN LIVER, ALGO FORMA ACTIVATED SPILEN AND THYMUS. HIGHLY EXPRESSED IN LPS AND THYGAMMA ACTIVATED WIGH CYVES, WEAKLT IN S HE STATE SYLES, LB-USSHID MAINTAL RITLER CELLS, GAMMA-DELITA T CELLS, AND SOME T-CELL CLONES.

INDUCTION: BY INTERLEUKIN TO.
                                                                                                                     AND THE 1 MONOCYTES, BUT NOT FOR KESTING LYMPHONYTES AND NEUTROPHILS. INDEES A CALCIUM FIJIX IN THE 1 CELLS THAT WERE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             . Die M., Minta R., Imai F.,
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SY05_HUMAN
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                                                                                                                                                                                                                                                              P1350: 043646; QWNYAZ;
01-JAN-1990 (Rel. 13, Created)
15-JUL-1999 (Rel. 18: last sequence update)
15-JUN-2002 (Rel. 4): last annotation update)
15-JUN-2002 (Rel. 4): last annotation update)
Small inducible cytekine A5 precursor (CCL5) (T-cell specific RANTES
protein) (SIS-delta) (T-cell specific protein P228) (TSP228).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DISULFID
SECUENCE
                                                                                                                     Schall T.J., Jongstra T.,
Davis M.M., Krensky A.M.;
                          Submitted (JAN-1998) to the EMM REPREDICTION DATAbases
SEQUENCE FROM N.A
                                                          SEQUENCE FROM N.A.
                                                                                                        "A human T
                                                                                                                                                  MFD1 INE=88285659; PubMcd-2456327;
                                                                                                                                                                 SEQUENCE FROM N.A.
                                                                                                                                                                                                NCBI_TaxID-9606.
                                                                                                                                                                                                             Mammalia; Kutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                            Homo sapiens (Human)
                                                                                                                                                                                                                                                                                                                                                                        SY05_HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         InterPro, IFE031811; Chemowine_ILb.

Pfam: PF0004#; ILB; 1.
SMART; SMO0199; SCY; 1.

PPOSITE: P890472; SMALL_CYTOKINES_CC; FALSE_NEG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       use by non-profit institutions as long modified and this statement is not removed, entities requires a license agreement (Sec.
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or send an email to license@isb-sib.ch).
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                                                                                                                                                                                                                                                                                                                                                                                                                                               91 PNLPLLPTRNLSTVKI 106
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                                                                                       Immunol. 141:1018-1025(1988).
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AF088219: AAC3330.1;
AF055467: AAC28844.1;
AH008249: BAA35138.1;
AL039944: AAC37450.1;
AF039955: AAC97451.1;
AF039955: AAC97451.1;
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                                             , Kim B.E.;
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                                                                                                 .l-specific molecule is a member of a new gene family.";
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36.8%;
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MEDITNE-99111238; PubMed 9889151; Willern I. Berower D., Phompson B.A., Barlow P.N., McSparron H., Picard L., Wlodawer A., Lubkowski J., Kent S.B.; "Total chemical synthesis and High recollation crystal structure of the potent anti-HIV protein AOP-RANTES.";
                                                                                                                                                                                                                                                                                                                                                                                                                                        PINTERIO POPUL LELL 7:73-83(2000).

-II- FUNCTION: CHEMOGATERACIJANT FOR BLOOD MANDOCYTES, MEMORY T HELPER
-II- FUNCTION: CHEMOGATERACIJANT FOR BLOOD MANDOCYTES, MEMORY T HELPER
CELLS AND EOSINOPHILS. CAUSES THE RELEASE OF HISTANINE FROM
BASOPHILS AND ACTIVATES EOSINOPHILS. BIRUS TO CCRI, CCR3, CCR4 AND
CCR5. ONE OF THE MAJOR HIV-SHUPPESSIVE FACTORS PRODUCED BY CD8+ T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WPHINE 97.52512 FLAND 75.2919;
WPHINE COME R.M., Proudfoot A.B.I. Wells T.N.C.;
"The three-dimensional solution structure of RANTES.";
Biochemistry 34:9307-9314(1995).
This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMRL outstation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hoover D.M., Shaw J., Gryccynski Z., Proudfoot A.E.I., Wells T.N.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Chem. Biol. 6:43-51(1999)
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Submitted (MAY-2001) to the EMRE Occasional TERRI detabages
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Sond Q.P., Yang K.T., Full.C.;
"The complete sequence of human beta-chemokine KANTES mkNA.";
Submitted (MAY 2000) to the FMR, Selection, DDBJ databases.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "Proton NMR assignments and solution conformation of KANTES,
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                                                                                                                              INDICATION: BY MITOGENS. SIMILARITY PRICORS TO THE INTERCRINE BETA FAMILY (SHALL CYTCKINE C-C) (CHEMOKINE CC).
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                                                                                                                                                                                                                                                       SUBCELLULAR LOCATION: Secreted.
TISSUE SPECIFICITY: T-CELL AND MACROPHAGE SPECIFIC
                                                                                                                                                                                                                                                                                                                                                                         CHILS. RECOMBINANT RANTES PROTEIN INDUCES A DOSE DEPENDENT INHIBITION OF DIFFERENT STRAINS OF HIV 1, HIV 2, AND SIMIA
                                                                                                                                                                                                                                                                                                                                       MMUNODEFICIENCY VIRUS (SIV).
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EMBL; AF043 (41): AACO (5411.1:
EMBL; AF048219: AACO (5411.1:
EMBL; AF048219: AAF73070.11:
EMBL; AF048219: AAF13070.11:
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InterPro: IPPO-0827: CC chemkine ILM.
Ptam: PEO00048: ILM; I.
SMARI; SMOOLYE: SCY: I.
FROSIII: PS00472: SMALL CYTOKINES CC: I.
CYTOKINE: CTempotoxis: I cell: Signal: Inflammatory response:
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A · V (IN REF. 4).
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OM protein - protein search, using sw model
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   SPTREMBL_21:*
1: sp_archea:*
2: sp_bacteria:*
3: sp_fungi:*
4: sp_human:*
5: sp_invertebra
6: sp_mammal:*
7: sp_mammal:*
8: sp_orqanclle
9: sp_plage:*
10: sp_plant:*
11: sp_rodent:*
12: sp_virus:*
13: sp_virus:*
14: sp_unclass:*
15: sp_bacterias:*
16: sp_bacterias:*
17: sp_bacterias:*
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Listing first 45 summaries
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sp_rodent:*
sp_virus:*
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sp_unclassified:*
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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is drived by analysis of the tetal score distribution

SUMMARIES

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86	87	87	87.5	88	89.5	a L	90.5	91	91.5	93	95	98	102	121	320	Score
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ALIGNMENTS

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1 MRIMILAGIVAGPIGAMAPAVH FOGVEFFFFFT AVHYPTGMAVILRRAWTYRTQEVSOSGNI. 60 	Opensy Match 40.2%, Score 320; DB 11; Length 144; Bost Local Similarity 48.6%, Fred. No. 6.5c 27; Matches 69; Conservative 16; Mismatches 45; Indels 12; Gaps	SIGNAL 1 23 POTENTIAL, SIGNAL 1 23 POTENTIAL, SIGNAL 1 144 THYMGS FYREISSPIC CHEMOKINE, SEQUENCE 144 AA, 16732 MW; CEC1924B320B1468 CRC64;	EMBL, A.24940) CARSTER. MSD, MST 1500448; SCY265. InterPro; Ipp001811; Chemokine_ILB. SMAPT; SM00199; SCY; 1.	"The chemokine TPCK is expressed by thymic and intestinal epithelial cells and attracts double and single-positive thymecytes expressing the TPCK receptor CCB9."; Eur. J. Immunol. 30:262-271(2000).	[1] SEQUENCE FROM N.A. SEQUENCE FROM N.A. MEDITALE FROM N.A., Pubmad=16602049; Wurbel M.A., Philippe J.M., Nguyen C., Victorero G., Freeman T., Wooding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Malissen M., Jordan B.R., Molding P., Miazek A., Matter M.G., Matter M	SCÝA25 OR TECK. Mus musculus (Mouse). Rukaryota; Metazoa; Chordata; Cranlata; Vertebrata; Euteleostomi; Mammalla; Eutherla; Rodentia; Sciuroqnathi; Muridae; Murinae; Mus. NCHI_TaxID=10090;	090YYE; 01-MAY-2000 (TrEMBLrel. 13, Created) 01-MAY-2000 (TrEMBLrel. 13, Last sequence update) 01-DEC-2001 (TrEMBLrel. 19, Last sequence update) Thymus-expressed chemokine precursor.	LT 1 Y6 Q9QYY6 PRELIMINARY; PRT; 144 AA

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Best Local :
                                                                                          Eukaryota; Metazoa: Chordata: Chamiata; Vertebrata: Euteleostomi;
Mammulia: Eutheria: Rodentia; Sciuroquathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                              of JUN 2001 (TEMMATCL 17, Steafed)
of JUN 2001 (TEMMATCL 17, Last sequence update)
of JUN 2002 (TEMMATCL 21, Last annotation update)
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of JUN 2002 (TrEMBLTel. 21, Last annotation update)
small inducible cytokine A21c (Small inducible cytokine A21b).
SECOENCE PROM N.A
                                                                 New LaxID 10050
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                                                                                                                                                                                                                                    Hypothetical 13.0 kba protein.
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Piam: PF00048; IL8; 1.
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J. Immaroll. 166: 461: 469(2001).
EMBL: AF407987; AA445845.1;
EMBL: AF407986; AA645844.1; ·
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MCD: MC1:98263; SCy46.
LitterPro: 118001811; chemokine_IL8.
LitterPro: 118001811; chemokine_IL8.
Pfam: PP00048; LB; 1.
SMARI: SM00199; SCY; 1.
PROS-ITE: PS00472; SMALL_CYTOKINES_CC; 1.
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KANNICTRILOD, TISSUE FLANTENIA;
MEDILINE 21085660; PHAMON IL217851;
KANNI J., Shinatawa A., Salibata K., Yoshimo M., Itoh M., Ishii Y.,
Arakawa T., Hara A., Pukuno shi Y., Komeo H., Adachi I., Fukuda S.,
Alexawa F., Hara A., Pukuno shi Y., Komeo H., Kendo S., Yaman Pa I.,
Sailto T., Okazaki Y., Gojobovi T., Hopo H., Kasukawa T., Sailto R.,
Estera F., Matsola B.A., Adda Uro H., Hara H., Kasukawa H.,
Florischmann W., Gaastoriand T., Gissi C., King B., Kochiwa H.,
Frott C., Lowin C., Matsola P., Sailto R.,
Firett C., Lowin C., Matsola P., Sailto R.,
Watsola B.A., Adda Criand T., Gissi C., King B., Kochiwa H.,
Fucht C., Lowin C., Matsola P., Sailto R.,
Watsola B., Matsola P., Sailto R.,
Watsola B., Watsola P., Watsola D., Washio M., Wanton L., Washio
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata: Euteleostomi;
Mammmalia; Eutheria; Rodentia; Sciuroquathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Q9DAZ4;
01_JUN-2001
                                                                                                                                                  SEQUENCE
                                                                                                                                                                                                                                                                                                                  "Functional annotation of a full length mouse cDNA collection."; Nature 409:685\cdot690(2001).
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01-JUN-2001
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                                                                                                                                                                                 SMART: SM00199: SCY:
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                                                                                                                                                                                                                                                                                                                                                                                       Hayashizaki Y.;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Strausberg R.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITIAWYAZASAGNILANAHHAHIA 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   80 F-ISEROTOVCADESBERVORCLSTLKOGI KSKNKVIA 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    37 PITH QGVQDTSSDCCESYATQTDGKRETYYEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19 PAVHTOGVEE---DCCLA------YHYFIGWAVLKRAWIYRIQEVSGSCNLPAAI 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            N-2001 (TrEMBLECL, 17, Created)
N-2001 (TrEMBLECL, 17, Last sequence update)
N-2001 (TrEMBLECL, 17, Last annotation update)
Inducible cytokine A27.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        30;
                                                                                                                                                     135 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRELIMINARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       I, t the ESSE, Fareck, DDBJ databases
                                                                                                                                              15751 мw; 956нвк8984в2к389 скс64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13035 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12.8%; Score 102; DH 1130.6%; Pred. No. 0.0025;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2B5c7F0bFC195082 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WENEALV 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      135 AA
                                                                                DB 11; Length 135;
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                 18; Indels
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          Caps
                 45
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RA Kawai J., Shinagawa A., Shibata K., Yoshino M., Itoh M., Ishii Y.,

RA Arakawa T., Hara A., Fukunishi Y., Konno H., Adachi J., Fukuda S.,

RA Airawa K. Irawa M., Nishi Y., Yoshino H., Asachi S., Jundiaka T.,

RA Airawa K. Irawa M., Nishi Y., Yoshino H., Kasukawai I., Sailto K.,

RA Airawa K., Matsuda H.A., Ashburner M., Ratalov S., Pasavant T.,

RA Kadota K., Matsuda H.A., Ashburner M., Ratalov S., Pasavant T.,

RA Kadota K., Matsuda H.A., Ashburner M., Ratalov S., Pasavant T.,

RA Kadota K., Matsuda H.A., Ashburner M., Ratalov S., Pasavant T.,

RA Kadota K., Matsuda H.A., Ashburner M., Ratalov S., Pasavant T.,

RA Kadota K., Matsuda H.A., Ashburner M., Ratalov S., Pasavant T.,

RA Kuahi P., Lewis S., Matsuc Y., Hikaido I., Pesole G., Ouackenbush J.,

RA Kuahi P., Lewis S., Matsuc Y., Hikaido I., Pesole G., Ouackenbush J.,

RA Sakii K., Okido T., Furuno M., Aono H., Baldarelii R., Barsh G.,

RA Blake J., Boitfelli D., Bojunga N., Carninci P., de Bonaldo M.P.,

RA Brownstein M.J., Bult C., Fletcher C., Fujita M., Gariboldi M.,

RA Gustincich S., Hill D., Hofmann M., Hume D.A., Kamiya M., Ico N.H.,

RA Gustincich S., Hill D., Hofmann M., Hume D.A., Kamiya M., Ico N.H.,

RA Nordone P., Ring B., Ringwald M., Rodriggez I., Sakamoto N.,

RA Sasaki H., Sato K., Schoenbach C., Seya T., Shibata Y., Storch K.-F.,

RA Wynshaw-Bolis A., Yoshida K., Hasegawa Y., Kawaji H., Kohtsuki S.,

Bri Matsuda Y.,

RA Wynshaw-Bolis A., Yoshida K., Hasegawa Y., Kawaji H., Kohtsuki S.,

Bri Matsuda Y., Matsuda M., Rodriggez I., Kohtsuki S.,

RETA RA Sasaki Y.,

RA Wynshaw-Bolis A., Yoshida K., Hasegawa Y., Kawaji H., Kohtsuki S.,
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                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                               MCD: MCI.58263, Jeyab.
MCD: MCI.58263, Jeyab.
InterPro; IPR000827; CC_chemkine_sml.
InterPro; IPR000821; Cnemokine_ILx
InterPro; IPk00181: Cnemokine_ILx
Pfam; PfC004b; Lab; 1.
SMART: SM00199; SCY; 1.
SMART: SM00199; SCY; 1.
SPC017E, FSC0472, SMALL_CYTEKINES_CU; 1.
SECUENCE 116 AA, 13053 MW, 86593830Ex417083 CMC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "Functional annotation of a full-length mouse cDNA collection."; Nature 409.685.690(2001).

RMBL; AK006547; BAB25734.1; ...

HSSF, P55773, 1591.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus (Mouse).
Eukaryota: Motazoa: Chordata: Craniata: Vertebrata: Euteleostemi,
Mammalia: Eutheria: Rodentia: Scluroqnathi: Muridae: Murinae: Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01-JUN 2001 (IEMBERGE 12, Created)
01-JUN-2001 (TrEMBERGE 17, Last sequence update)
(11-JUN-201 (TEMBERGE 4, Last annotation update)
Small inducible cytokine A6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NCB1_Tax1D-10090;
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81 - ISRRGIQVCADPRDRPVQRCLSTLKQGFRSGNKVIA 116
                                             66 YERKHERVIJNEKSKEVURAMELLD----AKNKVEA 98
                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             124 QKKMYSNP 131
                                                                                               37 PITHQGFQDTSSDCCFSYATQIPCKRFIYYFP--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  125 SSSKESNP 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          85 LHLAR RSVCVHFONNSLARWLIF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14 LCAWAPAVHTOGVFE -----DCCL-AYHYPIGWAVLFRAWTYRIOFVSGSCNLPAAI 61
                                                                                                                                                                                                 1 Similarity 27.8
                                                                                                                                               ©GVFaUddIA-- ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRELIMINARY;
                                                                                                                                                                                                                       11.9%; Score 95; 27.8%, Fred. No. (

    Mismatches

                                                                                                                                                                                                                         Fred. No. 0.014;
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                                                                                                                                            YHTFIGWAVLREAWTYRIQEVSGSCNLFAAIF 65
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                                                                                               -----TSGGCIKPGIIF 80
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RA Kawai T., Shinaqawa A., Shihata K., Yoshino M., Itoh M., Ishii Y.,

RA Kawai T., Shinaqawa A., Shihata K., Yoshino M., Itoh M., Ishii Y.,

RA Arakawa T., Hara A., Fikinishi Y., Foono H., Adachi T., Fil. 3.

RA Arakawa F., Traya M., Nishi K., Kiyosawa H., Kudu S., Yamaniaka H.,

RA Kadota K., Matsuda H. A., Ashburner M., Hatalov S., Casayant T.,

RA Kadota K., Matsuda H. A., Ashburner M., Hatalov S., Casayant T.,

RA Kadota K., Matsuda H. A., Ashburner M., Hatalov S., Casayant T.,

RA Kadota K., Matsuda H. A., Ashburner M., Hatalov S., Casayant T.,

RA Schriml M., Stabibi F., Sigral R., Rochiwa H.,

RA Schriml D., Estabbi F., Sigral R., Tarita M., Wanner L., Washio T.,

RA Sakai K., Okido T., Furunc M., Aono H., Baidarelli R., Harsh G.,

RA Blake J., Hoffelli D., Bojunga N., Carminci P., de Bonaldo M.F.,

RA Brownstein M.J., Halt C., Florenber C., Fujita M., Carriboldi M.,

RA Lyons P., Marchionni L., Mashima J., Mazzarelli J., Mombaerts P.,

RA Lyons P., Marchionni L., Mashima J., Mazzarelli J., Mombaerts P.,

RA Sasaki H., Sako F., Scheenbach C., Seya T., Shibata Y., Stotch K.-F.,

RA Suriki H., Yoyo-ora K., Wang K.H., Weita S., Whittaker C., Wilbring L.,

RA Wynshaw-Boris A., Yoshida K., Haseyawa Y., Kawaji H., Rohtsuki S.,
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Q9PTF8
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01-JUN-2001 (TrEMBLrel. 17, Last sequence update)
01-JUN-2002 (TrEMBLrel. 21, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SIFAINEDS THI TOTAL TRESUB-PLACENTA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SHOHENCE FROM N A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pukaryota: Metamoa. Chordata. Oraniata. Vartibrata. Euteleostomi:
Mammalia. Eutheria. Rodeutia: Sciurognathi; Muridae; Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus (Mouse)
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".bui'traf (MCV 1903) '...th. EMBL Taller NAPI da'dhisas
EMBL: AF201450; AAF17560.1;
-...EINF: ELNF-GENE-GUULUB 28; ccll
Interpro; IPR001811; Chemokine_IL8.
Pfam; PF00048; IL8; 1.
SMAKI; SMOULUB; SCY; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Q9DAU6;
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Eubaryeta: Metanoa: Chordata: Craniata, Vertebrata: Euteleostomi;
Actinopterygii: Meopterygii: Teleostei; Ostariophysi, Ojpiniformes;
Cyprinidae: Danio.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ol-MAY-2000 (TIEMBLrel 13, Created)
01-MAY-2000 (TIEMBLrel 13, List Sequence update)
01-DEC-2001 (TIEMBLrel 19, Last annotation update)
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CCL1 OR CCL1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        59 NIFAATFYI PKEHPFYCHNPFSPEVOPAKK 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8 LITTACETTITITINKGAAIPT------CCTSVI PPIPKPVI PSVRRYFVQDTPSGHC 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3 LWLLACLVAGFL----GAWAPAVHTOGVFEDCCLAYHYPIGWAVLRRAWTYRIQFVSGSC 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            chemokine CCL1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pollins R J.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93 AA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRELIMINAPY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRELIMINARY;
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Pred. No. 0.018;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    17798533999338477 08064;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           93 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 13; Length 93;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 32; Indels
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Best Local's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         M.17 (1) 11:5
                                                                                      of DBY 2001 (frEMBGrel, 19, Last sequence update) of MAR 2002 (frEMBGrel, 20, Last amoutation update) PANTES chemokine.
                                                                                                                                                                            0.8151.1
                                                   Sigmodon hispadus (Hispad cotton rat).
Eukargota: Metazoa: Chordata: Cianiata: Vertebruta: Enteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Galius galius (Chicken).
Bukaryota: Metacoa: Chordata: Craniata; Vertebrata; Buteleostomi;
Archosauria: Azos: Neognathae; Galliformes; Phasianidae; Phasianinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   of JUN 2002 (TEMMSTEEL 21, Created)
of JUN 2002 (TEMMSTEEL 21, Last sequence update)
of JUN 2002 (TEMMSTEEL 21, Last annotation update)
                                    Mammalia: Eutheria: Reseatin: Setureamathn: Maridae; Sigmodentinae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Submitted (APP 2002) to the EMBL/Contain/APBU shiphases. 
EMBL AKUNSSON: BABARATELL 
EMBL BESCHELL ANDREAD. L. 
MED MELLING CENT. SCYLLE.
                  nobomers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SECTEM: E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Immunospenetics 54:674 684(2001).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             chlicken of chemokines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "identification, mapping, and phylogenetic analysis of three novel
chicker of chomokines.":
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bushes S., Haynes A., o'Regan M., Bumstead N.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SECTION E 2165-115; Fiber 1179/102;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        N'181 FaxID 9041;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Chemokine ahzzl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          InterPro: [PROOTET]; Chemokine IL8.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CHNVIE SIMARL SHESSIL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Nather 109:685 630(2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "Eunctional annotation of a full length mouse cDNA collection.";
                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                  5.1 THE VIKKSPETCVNPEESWVGKPLELL BE
                                                                                                                                                                                                                                                                                                 64 LEYLEKKHEKVEGNEKSREVERAMKILL SE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             44 POTQLYRQPILESRILIRIVIMMELJEADGDCHLJAVVIJILAR - RSVOVHDJNKSLAR 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HE ONL AVHYTTOWAVERRAWITTRIGEVSSSONERAATIALERREHRRAGOUNTKSRUVOR 85
                                                                                                                                                                                                                                                                                                                                    R LANLL TEAL SSAVAHLAGED TO CESTAGRADABULIASAY I
                                                                                                                                                                                                                                                                                                                                                                   6 LACLVAGELGAWARAV HIQGVERFCLAY HYPIGWAVLRRAWTYRIQEVSGSCNLPAA 63
EaxID 42415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AYORZBO), AAKBAARR
Ni'E 91 AA), 9888 M
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                                                                                                                                     2001 (TEMBLE): 19, Created)
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                                                                                                                                                                                                                                                                                                                                                                                                          Conservation
                                                                                                                                                                            PRELIMINARY;
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                                                                                                                                                                                                                                                                                                                                                                                                                   11.4%; Score 91; D8-13
$2.2%; Pred. No. 0.029;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11.5%; Score 91.5; DB 11; Length 120; 45.1%; Pred. No. 9.045;
                                                                                                                                                                                                                                                                                                                                                                                                        16; Mismatches
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                                                 Kawai J., Shinadawa A., Shibata K., Yoshino M., Itoh M., Ishii Y., Arakawa T., Hara A., Fukunishi Y., Konno H., Adachi J., Fukuda S., Alzawa K., Izawa M., Nishi K., Kiyosawa H., Konbo S., Yumanka I., Salto I., Okariki Y., Gopebori I., Bono H., Kasukawa I., Salto K., Salto I., Okariki Y., Gopebori I., Bono H., Kasukawa I., Salto K., Salto R., Matsuda H.A., Ashburnot M., Haltalov S., Casavant I., Kadota K., Matsuda H.A., Ashburnot M., Kind B., Kochiwa H., Washio I., Washio I., Washio I., Washio I., Salto II., Furmo M., Aono H., Baldarelli K., Barsh G., Sakai K., Okido T., Furmo M., Aono H., Baldarelli K., Barsh G., Sakai K., Okido T., Furmo M., Aono H., Baldarelli K., Barsh G., Halake J., Battelli D., Bajmaa N., Carninei P., de Bonalda M., Gustineich S., Hill D., Halmann M., Bine D.A., Kaniya M., Lee N.H., Macchiman M., Bine D.A., Kaniya M., Kaniya N.H., Macchiman M., Bine D.A., Kaniya M., Mahaman M., Bana D.A., Kaniya M., Mahaman M., Mankala M., Kaniya M., Mahaman M., Mankala M., Kaniya M., Mahaman M., Mankala M., Kaniya M., Kaniya M., Mahaman M., Mankala M., Kaniya M., Mahaman M., Mankala M., Kaniya M., Mahaman M., Mahaman M., Kaniya M., Kaniya M., Mahaman M., Mahaman M., Mahaman M., Kaniya M., Mahaman M., Mahaman M., Mahaman M., Kaniya M., Mahaman M., M
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Ol-NOV 1999 (TrEMBLIGE, 12, Last sequence update)
Ol-JON 2092 (TrEMBLIGE, 21, Last annotation update)
Thymnus and activation requiated chemokine precursor (small inducible
Lyons P., Marchionni L., Mashima J., Mazzarelli J., Mombaerts P.,
Mordone P., Ring B., Ringwald M., Redriguez L., Nakomoto N.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMMAIN CSTRINGS, TIGGUE PANCREAS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIANE 994 (8949; FubMed 10508268;
Schaniel C., Sallusto F., Ruedl C., Sideras P., Melchers F.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniuta; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciuroquathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus (Mouse).
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TARC OR ABCD-2 CR SCYA17.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDLINE 21085660; PubMed 11217851;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      and dependent B lymphocyte stimulation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "Three chemokines with potential functions in T lymphocyte-independent and -dependent B lymphocyte stimulation.";
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John[Itod] (ST 1991) to the IMBC/Neenek/DDBJ databases.
EMBL: AF421(91) AAL169(2.1) ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The murine b-chemickine IAR is expressed by subsets of dendrifte
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InterPro: IPRO01811; Chemokine ILB.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Immunol. 29:2934 2947(1999)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HSSP; 098157; ICM9:

MGP: MGI:1320039; Scyol7;
Interpre: IPF000427; Chemokine_ILB.

Interpre: IrF50281; Chemokine_ILB.

Plam; PF00048; ILB; I.

SMART; SM00199; SCY; I.

PROSITE; PS00472; SMALL_CYTOKINES_CC; I.
SEQUENCE 131 AA; 15016 MW, 9515123376;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       098043;
01-MAY-2000 (TrEMBLEG!, 13, Citated)
01-MAY-2000 (TrEMBLEG!, 13, Last suguence update)
01-MAR-2002 (TrEMBLEG!, 20, Last additation update)
CC chemoking AECU-2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus (Mouse).
Eukaryota; Metazoa; Chordata: Craniata; Vortebrata; Euteleostomi;
Mammalia: Puthoris: Posontia, Sciurognathi, Maridae, Murinae; Mus
                                                                                                                                                                                                                                                        and -dependent B lymphocyte stimulation.
Eur. J. Immunol 20:2221 2547(1939).
                                                                                                                                                                                                                                      EUR. J. Immunol 29:2921 29
EMRL; AF125570; AAD56600.1,
                                                                                                                                                                                                                                                                                                                                                          Schaniel C., Sallusto F., Ruedl C., Sideras P., Melchers F., Rolink A.G.;
                                                                                                                                                                                                                                                                                                                                                                                                      MEDLINE=99438049; PubMed=10508268;
                                                                                                                                                                                                                                                                                                                                                                                                                                         TISSUE=LIVER;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SCYA17 OR ABCD-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Q9R043
                                                                                                                                                                                                                                                                                                    "Three chemokines with potential functions in T lymphoryte-independent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MSD: MG1-1329039) Segal7.

InterPro- [PP090827; CC_chankino_sml.
InterPro- [P909081], Clemakino_sml.
InterPro- [P909081], Clemakino_sml.
Bram: PF00048; ILB; 1.
PP081TF: F809472, SMALL_CYTOKINES_CC; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CHAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sibmitted (APF-2002) 1. the EMBL/GentRank/LUBD Jatabases. EMBT, AJ24258, CAB15256.1, ...
EMBT, AF12571, AA546601.1; ...
EMBL, AF12571; AAD56601.1; ...
EMBL, BAC02563; BAB25171.1; ...
EMBT, BC02565; BAB25171.1; ...
EMBT, BC02565; BAB25171.1; ...
EMBT, BC02565; BAB25171.1; ...
EMBT, BC02565; BAB25171.1; ...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sasaki H., Sato K., Schoenbach C., Seya T., Shibata Y., Storch K.-F., Suzuki H., Toyo-oka K., Wang K.H., Weitz C., Whittaker C., Wilming L. Wynstaw-Beris A., Yeshida K., Haseyawa Y., Kawaja H., Kohtsuki S., Hayashizaki Y.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TISSUE-THYMUS GLAND,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE FROM N.A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nature 409:585-590(2001).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "Functional anotation of a full length mouse cDNA collection.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                58 SEDATVE-LIVQGKLICADEKDKHVKKATKLV 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  59 MLFAAIFYLPKKHKKVOGNEKSEEVQRAMKLL 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 EJOJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 LQMT..LAALLLGTFLJHAHAAHA!NVGKECCLDYFK--GAIPIRKLVSW----YKISVEC 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 MMINITATIONSELGAMALAVIITAGVEELGGLAYHYETGWAVLKK--AWIYETQEVSOSO KE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26;
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26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               93 AA; 10466 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ·)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11.2%; Sec. No. v. 28.3%; Pred. No. v. Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          93
3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Fred. No. 0.043;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CHEMOKINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    THEMUS AND ACTIVATION-REGULATED
        9515123376912A7E CRC64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6EFCU4FDEBEECCCE CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             131 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  37, Indeis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            у; daps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DT DAY AND DE LOCAL D
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mat chos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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                                                                                           One or hypothis Fisutch (Coho salmon).

Rikaryota: Mararra Chadata Crariata, Vertebrata, Buteleostomi;
A finglarydi, Neeplerydi; Teleostoi, Euteleostei;
Protaeanthopterydii; Salmoniformes; Salmonidae; One or hynchus.
                                                                                                                                                                                                                                                        Q9PTS4 PRELIMINARY; PRT; Q9PTS4; PRELIMINARY; PRT; Q9PTS4; O1-MAY-2000 (TIEMBLIFC1. 13, Created) O1-MAY-2000 (TIEMBLIFC1. 12, Last sequin-1-DEC-2001 (TIEMBLIFC1. 19, Last annotation)
MEDLINE=99113353; PubMcd=9914924;
                               SEQUENCE FROM N.A.
                                                                                                                                                                                                                                           Chemokine CK-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EMBL: Y18692: CAR70596.1) - HSSP; P13236; 1HUM.
InterPro: TPR001811. Chemokine_IL8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SIGNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Signal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CHAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SMART: SM00199; SCY; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pfam; PF00048; IL8; 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE FROM N.A. MEDIJNE=20170941 · PubMod-10704244;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        nl-or-2000 (TremHire! 15, Greated)
61-or-2000 (TremHire! 15, Last sequence update)
91-DEC-2001 (TremHire! 19, Last annotation update)
7-benckine K203 precursor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Cytokine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "Novel shister
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NCB1_TaxID=9031;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gallus gallus (Chicken).
Fukaryota: Motaria, Childuta, Craniata: Vertebrata: Futeleostomi:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     K203
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OMIREO;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            51 TSTSCSKPATIF-ITKKEREVCANPSDPWVQKYLQ 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7 VLALLIÁSÉ------------CSKASSAPVGPDVPTCCTTYITHKIPRNLIQRHYS 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5 ILACI VACELGAWAPAVHTQCVFEDCCLAYHTPIUWAVLRRAWTY------RIQE 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      96 SPEATOF LIVERELICANDEFEREVERATELY 125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        50 NIPANIFYLEKFHEKVEGNEKSETVOENMKLI 90
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           d Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Schneider K., Stacheli P., Weining K.C., history "X2 and CC chemokines.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12:181~186(2000).
3692: CAB73956.1; -.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PPELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11.18; 30.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9896 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ç.
                                                                                                                                                                                                                                                        Last sequence update)
Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 88; DB 13; Length 89;
Pr-d No 0.059;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6FA2EA7A4950CA75 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CHEMOKINE KZU3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  POTENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                  100 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        89 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2); Indels
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RESULT 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .
                                                                                                                                                                                                                                                                                                   Guery Match 10.9%; Score 87; DR 6; Length 97; Best Local Similarity 28.2%; Prod. No. 9.084;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Hest tocal Similarity (0.1%
1500 - 25 Cansoryation
                of MAY 2000 (TEMBLE-1.13, Greated)
of DEC 2001 (TEMBLE-1.13, List sequence update)
of DEC 2001 (TEMBLE-1.13, List annotation update)
                                                                                        5.8144.0
              Chemokine CK 1
Salmo trutta (Brown trout)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    of JUN 2001 (TribMilite), 17, created)
of JUN 2004 (TribMilite), 17, fast sequence update)
of JUN 2002 (TribMilite), 21, fast annotation update)
                                                                                                                                                                                                                                                                                                                                                              Interfro. IFBOOTMIL: Chamakine_ILB.
Plam: PFOOO48: ILB; 1.
SMARL: SMOOT99: SCY: 1.
                                                                                                                                                                                                                                                                                                                                                                                                             EMBL: AF (54057; AAK 264 (3.1); HSSP; P1 (236); HBBM.
                                                                                                                                                                                                                                                                                                                                                   RUNGHE
                                                                                                                                                                                                                                                                                                                                                                                                                                           Mol. Biochem. Parasitol
                                                                                                                                                                                                                                                                                                                                                                                                                                                   "Lymphotaetin: a potential mediator of immunity against Theileria unpulata intection of cattle.":
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     onia C.A.L., Tait A., Shiels B.R.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE FROM N.A. MEDILINE 21 856928; PubMod 1146-8471;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WHI TAXID 9913:
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Plans PEUDUAB, ILB; L
RMARI, SMURCLYV, SCY, L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Fortham P., P. F. (1994) who makes out redides treat (second, october mykiss).". Immunol. Rev. 166: 41 (48(1998).
EMBL. AFROSHOS: AAF2 8901.1;
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                                                                                                                                                                   SA SVE
                                                                                                                                                                                              57 SCNIPAATEVILPERHEEVIINESERBVURAMBLILIAKNEVIAE 99
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                                                                                                                                                                                                                           1 MKILLITELVICSLAAYIVEGVESEVLEKSI VSLTTÇRIFI - FRIKTYTIKE - 6-53
                                                                                                                                                                                                                                                                                        29) Commercative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100 AA; 11764 MW; FOFA (ETGD4B826DF CRE64)
                                                                                                                                                                                                                                                                                                                                                  97 AA; 10509 MW; BCF8D47E7F301B9A CRC64;
                                                                                                                                                             PRELIMINARY;
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                                                                                                                                                                                                                                                                                                                                                                                                                                          116.389 93(2001).
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Actimopteryali: Neopteryali; Teleostel: Enteleostel;
Listaeranthapteryali; Salmonitormes: Salmonidae; Salmo.
NCBL_TaxID 8032:
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                                                                                                                                                                                                                                                                                                                                                                                        "CK-Ly a partitive chemicking of rainbow troat (encorbynalius mykiss).":
Immunol. Rev. 166:341-348(1998).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIINE 99113353; PubMed 9914924;
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                                                                       84 RCLR 87
                                                                                                      85 RAMK 88
                                                                                                                                  28 DOCLKETORIVHORMLE -- GYTEGIOTES VILNAVIEG NERNEEVOAPESIIWIKRVO 83
                                                                                                                                                                        29 DOCLAY HYPTGWAVERRAWTYRFOLYSSSONEPAAFFYLPKRHFKVONDFK---SPEVO 84
                                                                                                                                                                                                                            Match 10.9%; Score 87; DB 13; Length 100; Local Similarity 42.8%, Fred. No. 0.087;
                                                                                                                                                                                                           21; Conservative 16; Mismatches 19; Indels
                                                                                                                                                                                                                                                                                   100 AA;
                                                                                                                                                                                                                                                                               11749 MW; EC2BF3C5D4B826DF CRC64;
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